

FIG. 1

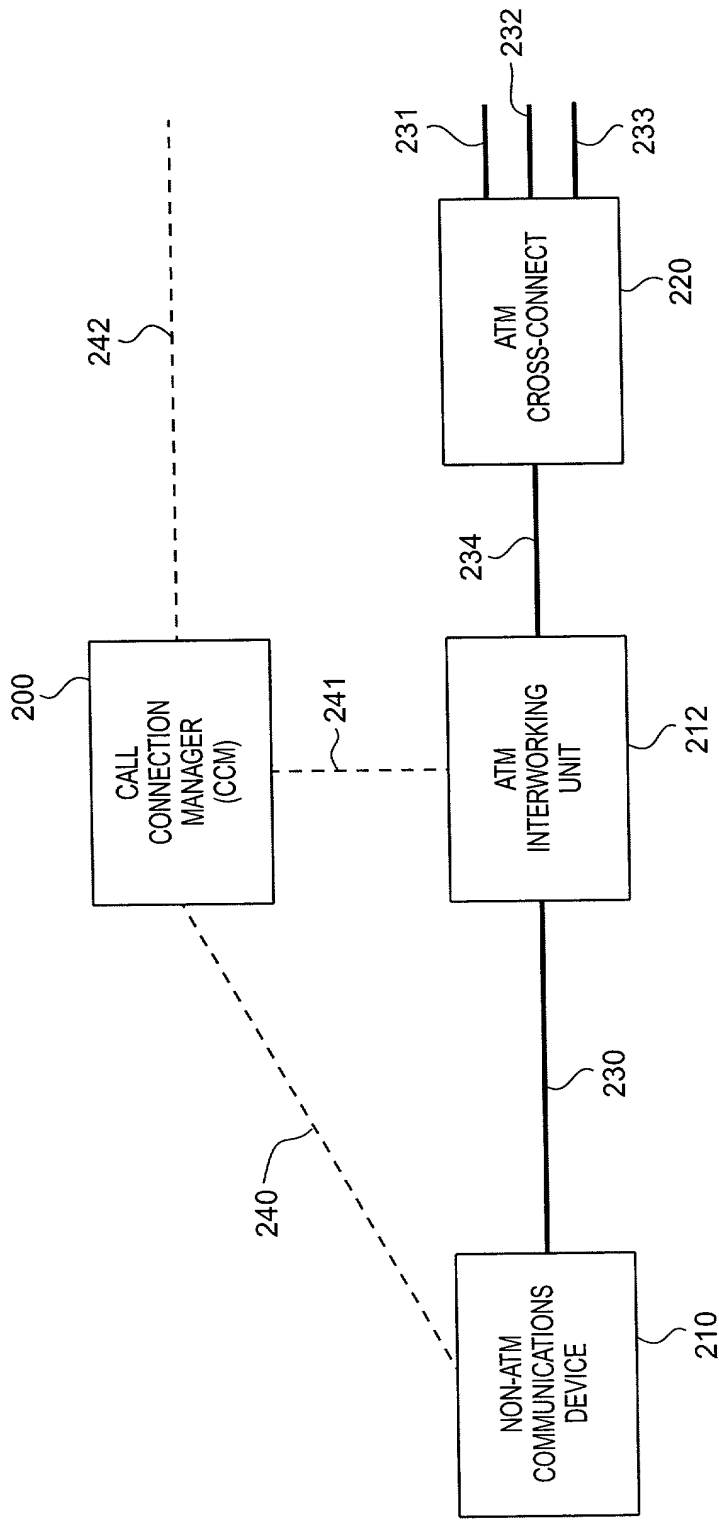


FIG. 2

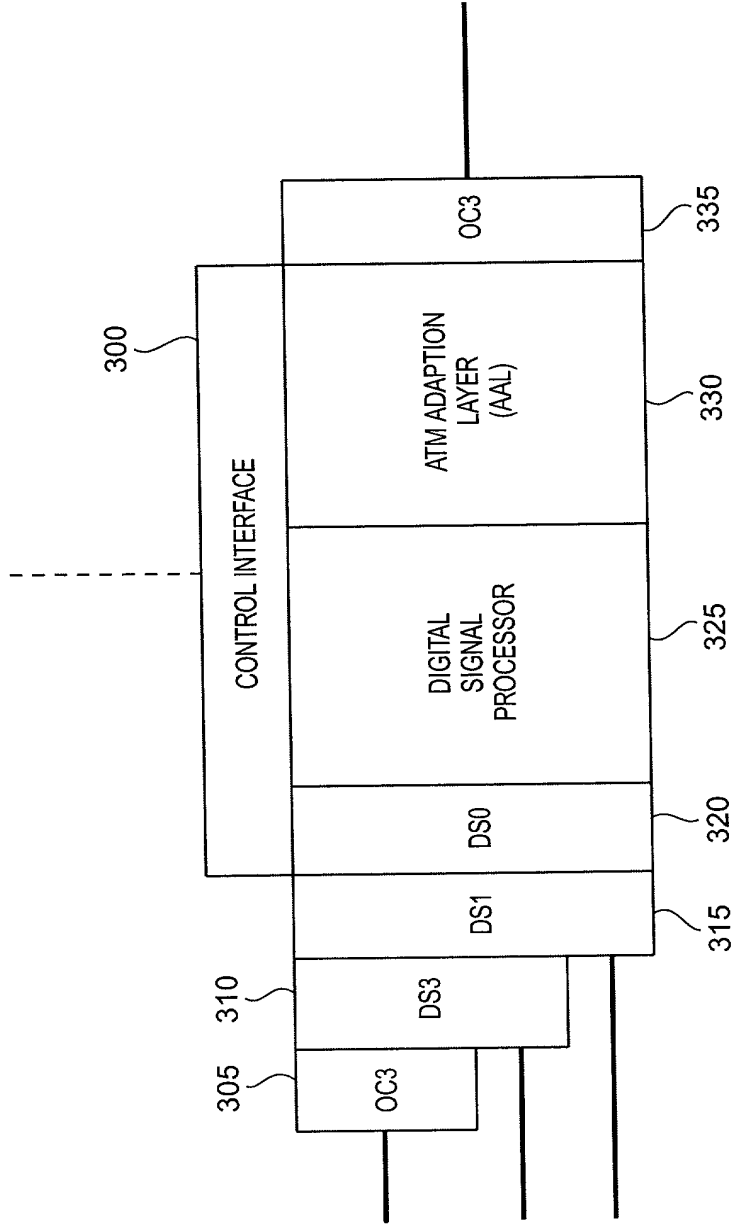


FIG. 3

FIG. 4 is a block diagram of a system architecture 400. The system architecture 400 includes an application platform 430, a signaling platform 410, and a control platform 420. The application platform 430 is connected to the signaling platform 410 and the control platform 420. The signaling platform 410 is connected to the control platform 420. The signaling platform 410 is also connected to SS7 signaling. The control platform 420 is also connected to control information.

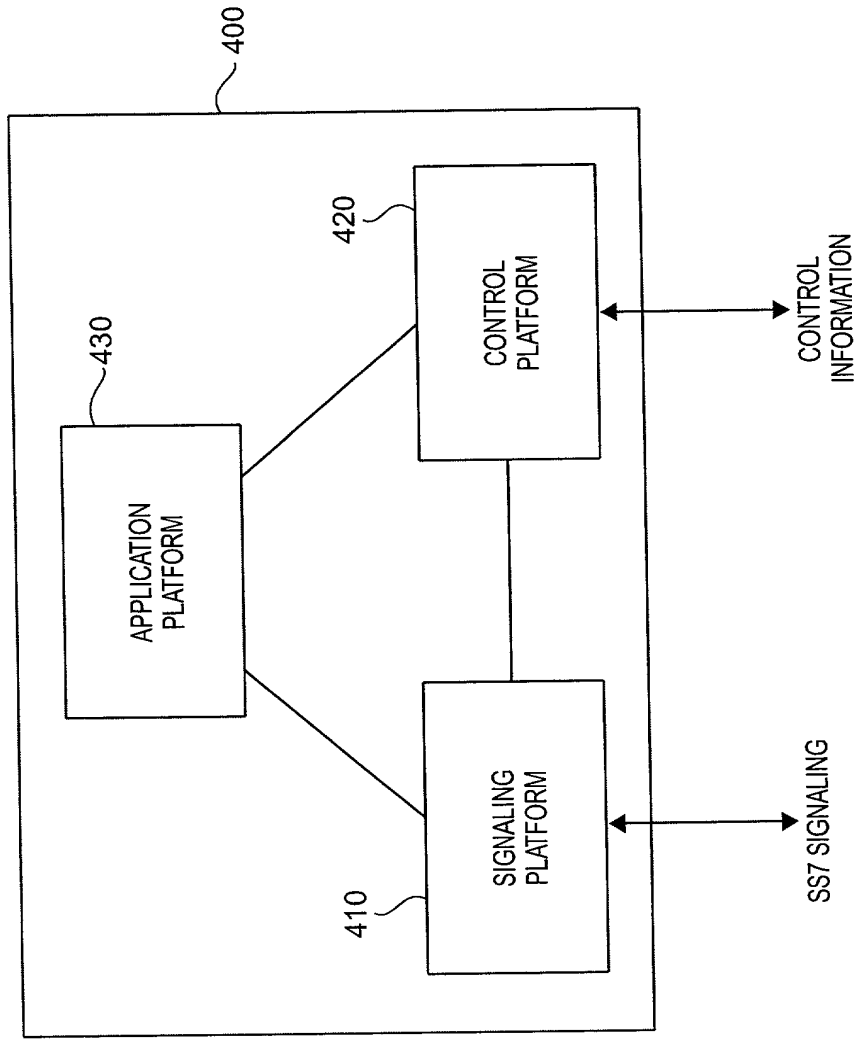


FIG. 4

FIG. 5 is a block diagram of a system architecture for a trunk circuit and group.

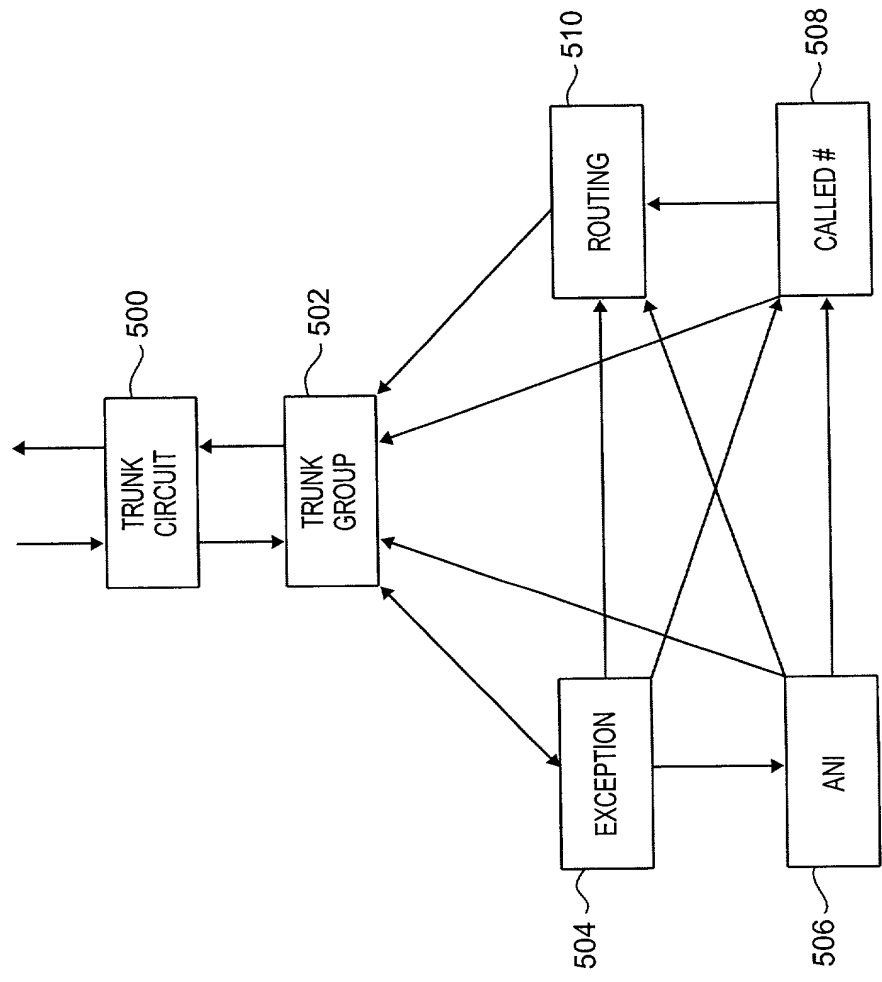
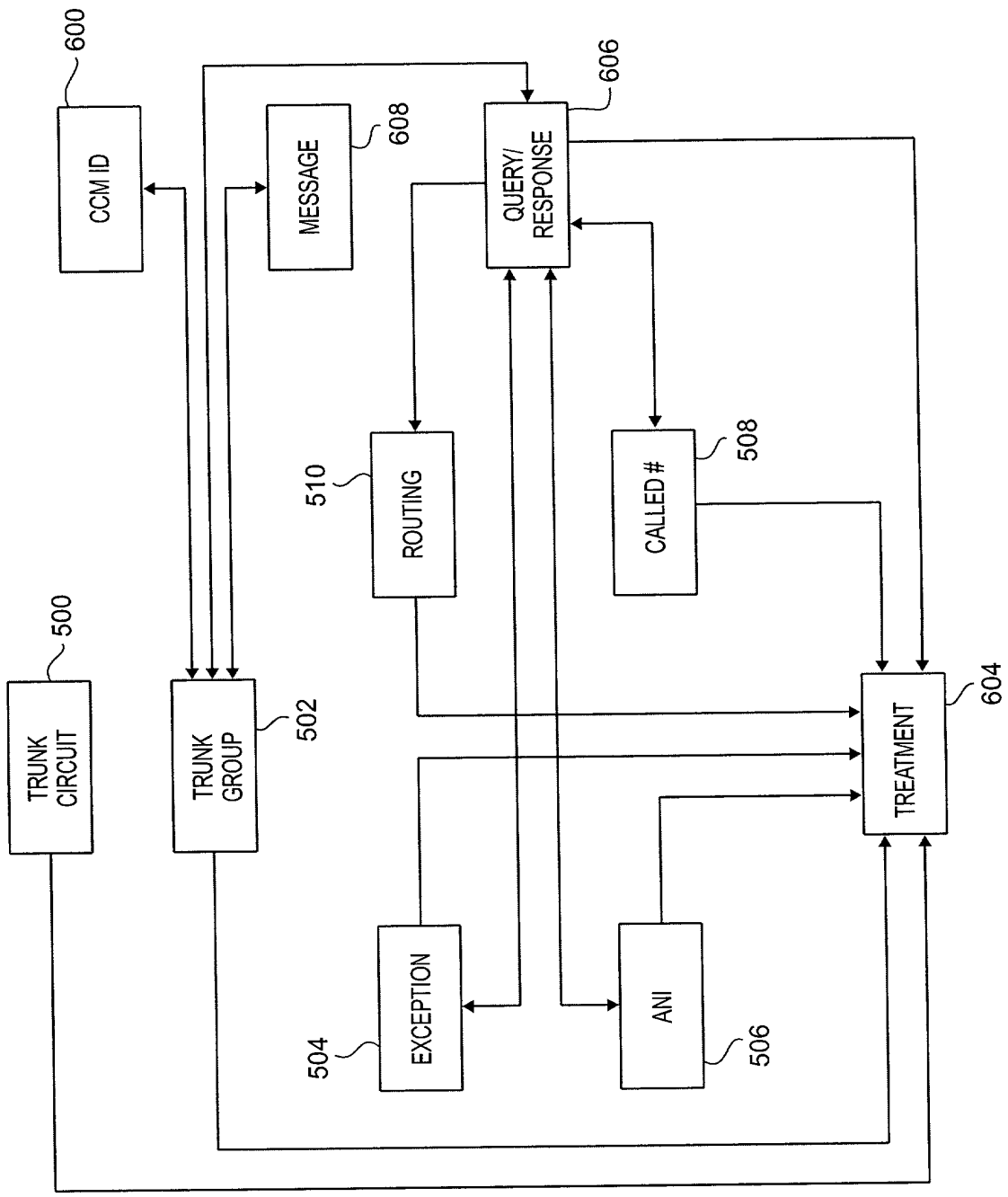


FIG. 5

FIG. 6



ASSOCIATED POINT CODE	CIC	VP	VC	TRUNK GROUP NUMBER	GROUP MEMBER NUMBER	HARDWARE IDENTIFIER	ECHO CANCELER	ECHO CONTROL	SATELLITE INDICATOR	CIRCUIT STATUS	CIRCUIT STATE	TIME/ DATE

FIG. 7

TRUNK GROUP NUMBER	GLARE RESOLUTION	CONTINUITY CONTROL	CLLI	SATELLITE TRUNK GROUP	SERVICE INDICATOR	ASSOCIATED NPA	SELECTION SEQUENCE	HOP COUNTER	ACC ACTIVE	OMI	NEXT FUNCTION	INDEX

FIG. 8

EXCEPTION TABLE INDEX	CARRIER SELECTION IDENTIFICATION	CARRIER IDENTIFICATION	CALLED PARTY			NEXT FUNCTION	INDEX
			NATURE OF ADDRESS	DIGITS FROM	DIGITS TO		

FIG. 9

ANI TABLE INDEX	CALLING PARTY CATEGORY	NATURE OF ADDRESS	CALLING PARTY/CHARGE NUMBER			ORIGINATING LINE INFORMATION	NEXT FUNCTION	NEXT INDEX
			DIGITS FROM	DIGITS TO	DATA			

FIG. 10

CALLED NUMBER TABLE INDEX	NATURE OF ADDRESS	DIGITS FROM	DIGITS TO	NEXT FUNCTION	NEXT INDEX

FIG. 11

ROUTING TABLE INDEX	TRANSIT NETWORK SELECTION			CIRCUIT CODE	NEXT FUNCTION #1	INDEX #1	NEXT FUNCTION #2	INDEX #2	NEXT FUNCTION #3	INDEX #3
	NETWORK IDENTIFICATION PLAN	DIGITS FROM	DIGITS TO							

FIG. 12

INDEX	MESSAGE RECEIVED CAUSE VALUE	GENERAL LOCATION	CODING STANDARD	CAUSE VALUE	NEXT FUNCTION	INDEX

FIG. 13

MESSAGE TYPE	PARAMETERS	INDEX #1	INDEX #...	INDEX #N
ADDRESS COMPLETE	BACKWARD CALL INDICATOR			
	ACCESS TRANSPORT			
	CAUSE INDICATOR			
	OPTIONAL BACKWARD CALL INDICATORS			
	OPTIONAL "FE" INDICATOR			
ANSWER	ACCESS TRANSPORT			
	BACKWARD CALL INDICATOR			
CALL PROGRESS	EVENT INFORMATION			
	BACKWARD CALL INDICATOR			
	ACCESS TRANSPORT			
	CAUSE INDICATOR			
	OPTIONAL BACKWARD CALL INDICATOR			
CIRCUIT RESERVATION	NATURE OF CONNECTION INDICATOR			
CIRCUIT RESERVATION ACK	N/A			
CONFUSION	N/A			
CONTINUITY	CONTINUITY INDICATOR			
EXIT	OUTGOING TRUNK GROUP NUMBER			
INFORMATION	ALL PARAMETERS			
INFORMATION REQUEST	ALL PARAMETERS			
INITIAL ADDRESS	NATURE OF CONNECTION INDICATOR			
	FORWARD CALL INDICATOR			
	CALLING PARTY'S CATEGORY			
	USER SERVICE NUMBER			
	CALLED PARTY NUMBER			
	ACCESS TRANSPORT			
	CALLING PARTY NUMBER			
	CARRIER IDENTIFICATION			
	CARRIER SELECTION INFORMATION			
	CHARGE NUMBER			
	GENERIC ADDRESS			
	ORIGINATING LINE INFORMATION			
	ORIGINAL CALLED NUMBER			
	REDIRECTING NUMBER			
	SERVICE CODE			
	TRANSIT NETWORK SELECTION			
	HOP COUNTER			
PASS ALONG	ALL PARAMETERS			
RELEASE	CAUSE INDICATOR			
	ACCESS TRANSPORT			
	AUTOMATIC CONGESTION CONTROL			
RELEASE COMPLETE	N/A			
RESUME	SUSPEND/RESUME INDICATOR			
SUSPEND	SUSPEND/RESUME INDICATOR			

FIG. 14

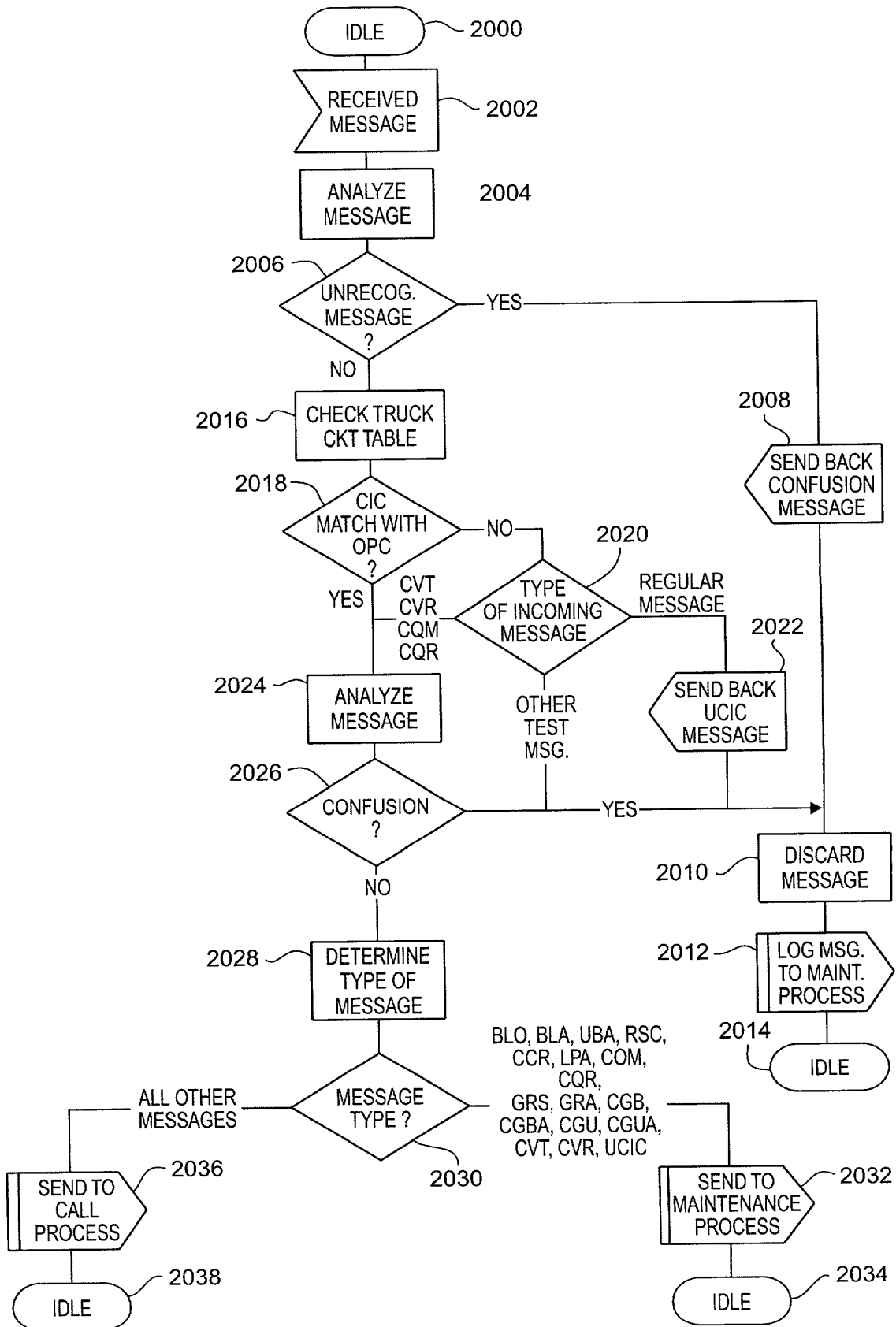
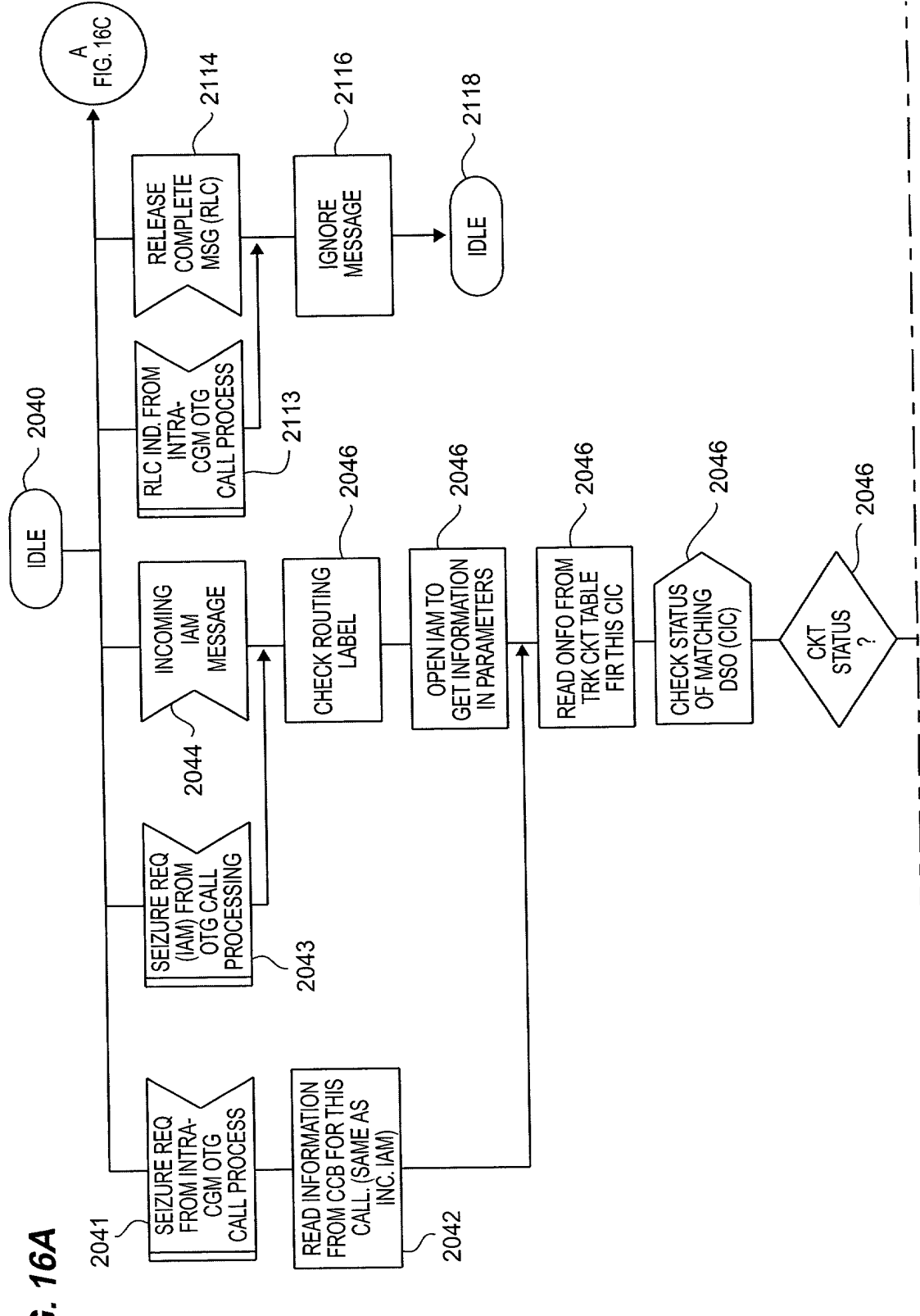


FIG. 15

FIG. 16A



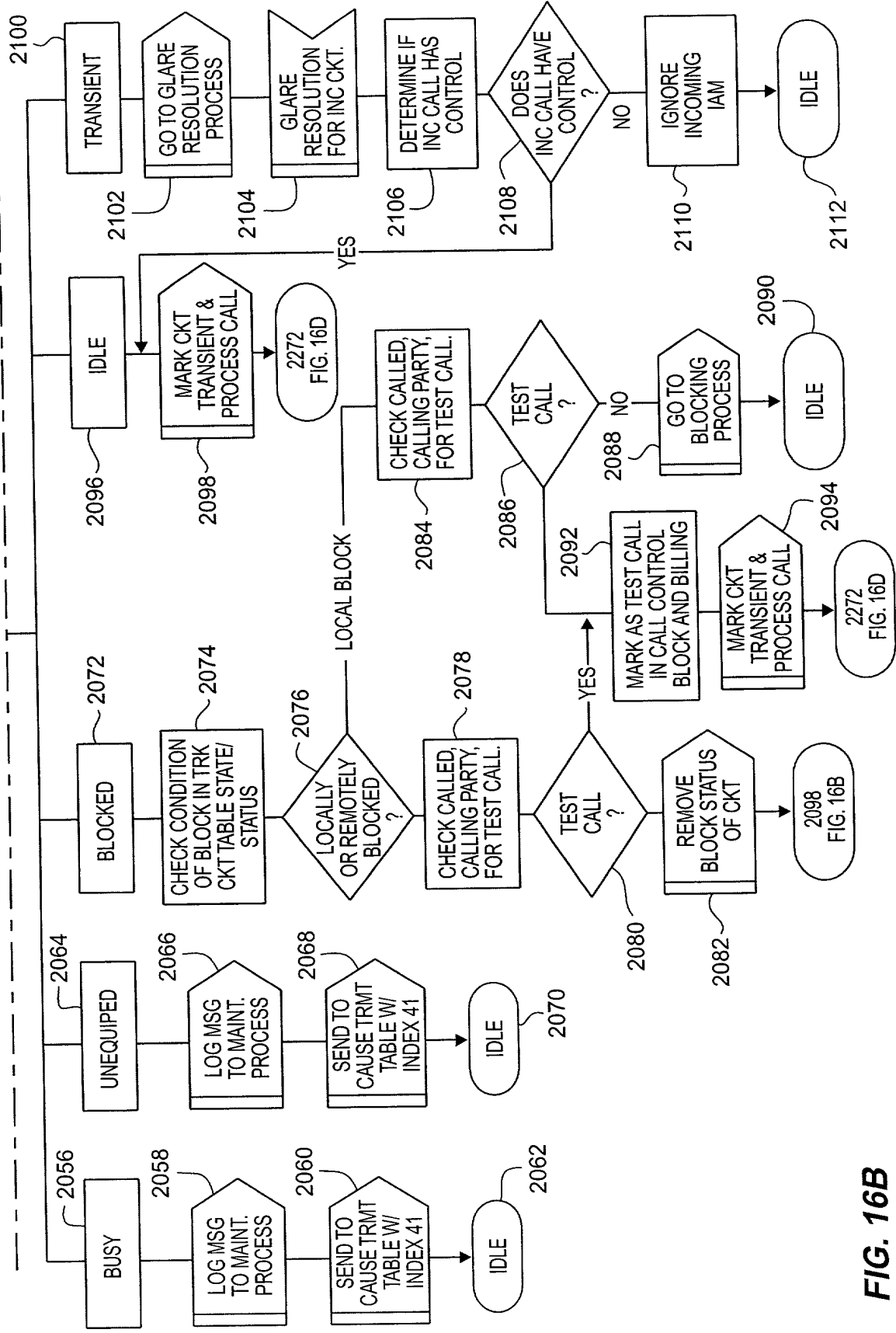


FIG. 16B

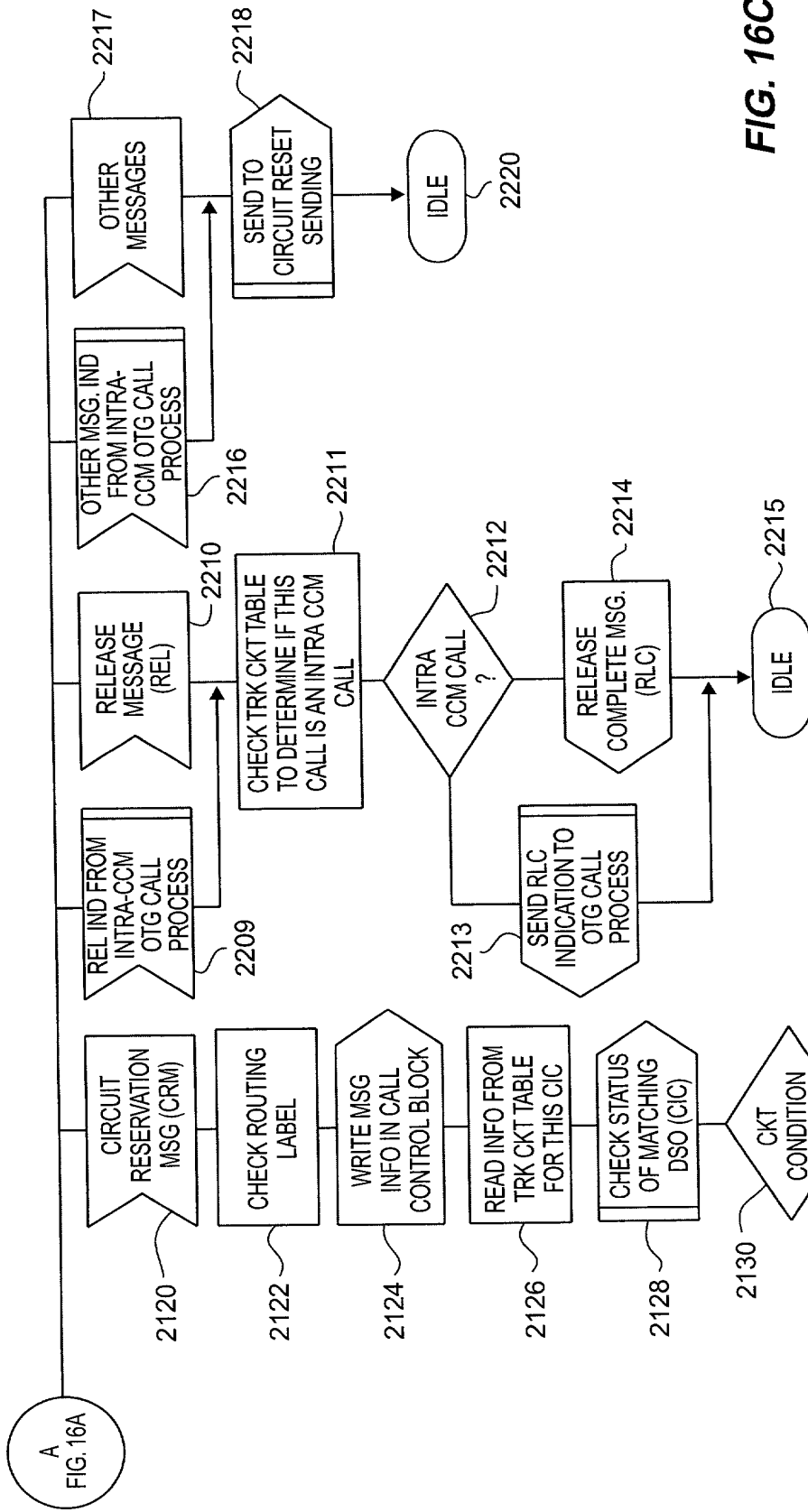
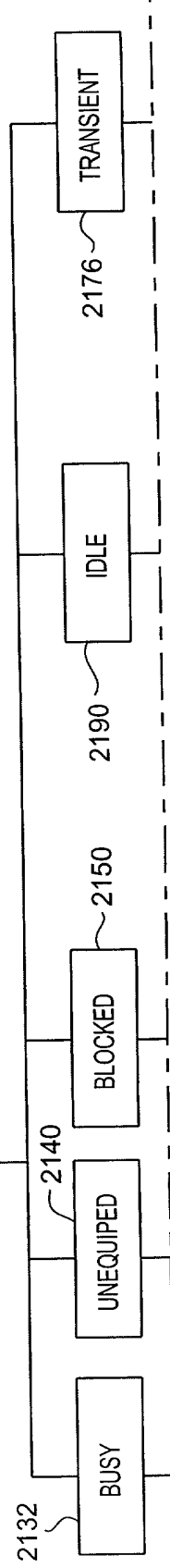


FIG. 16C



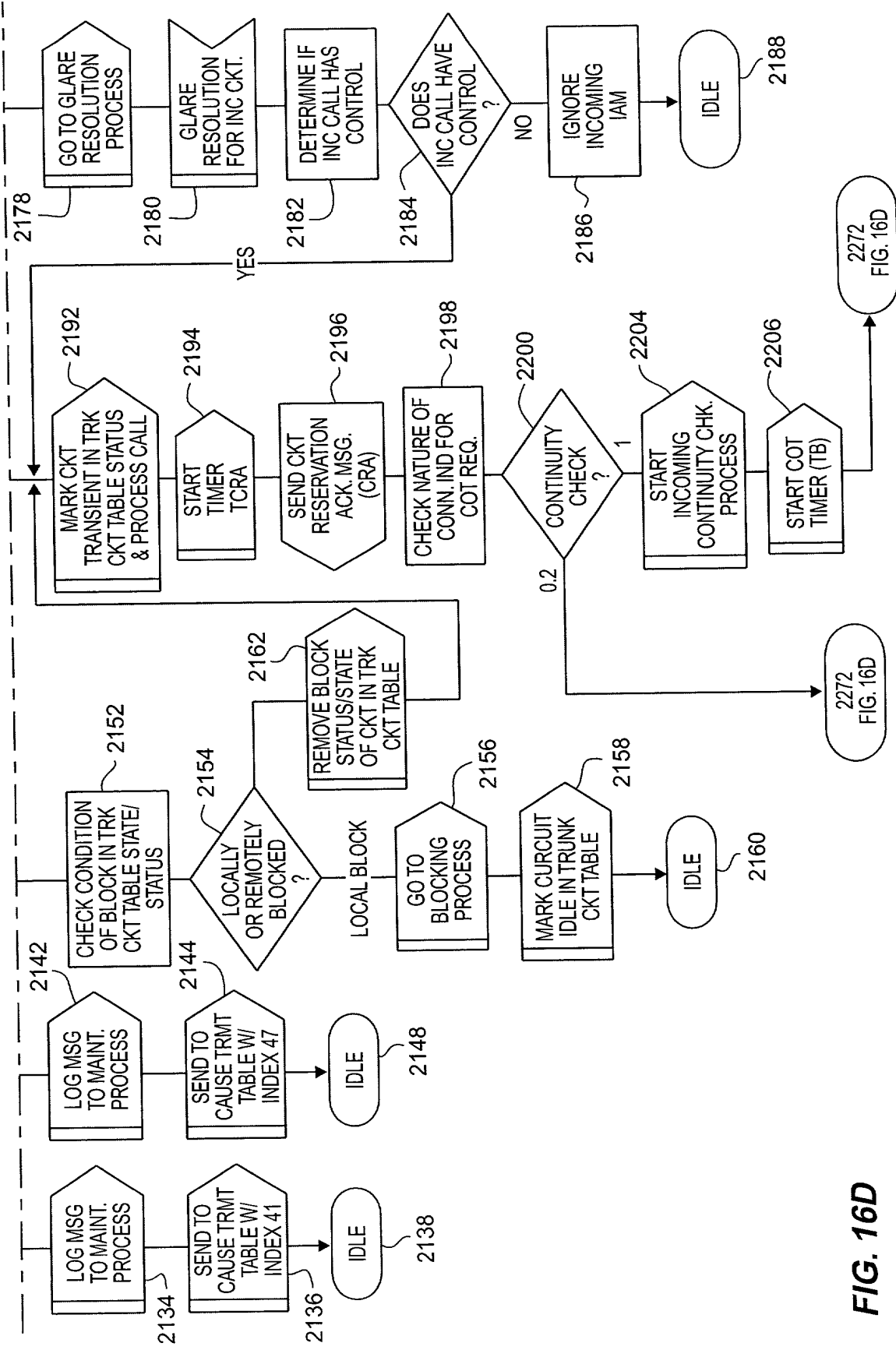
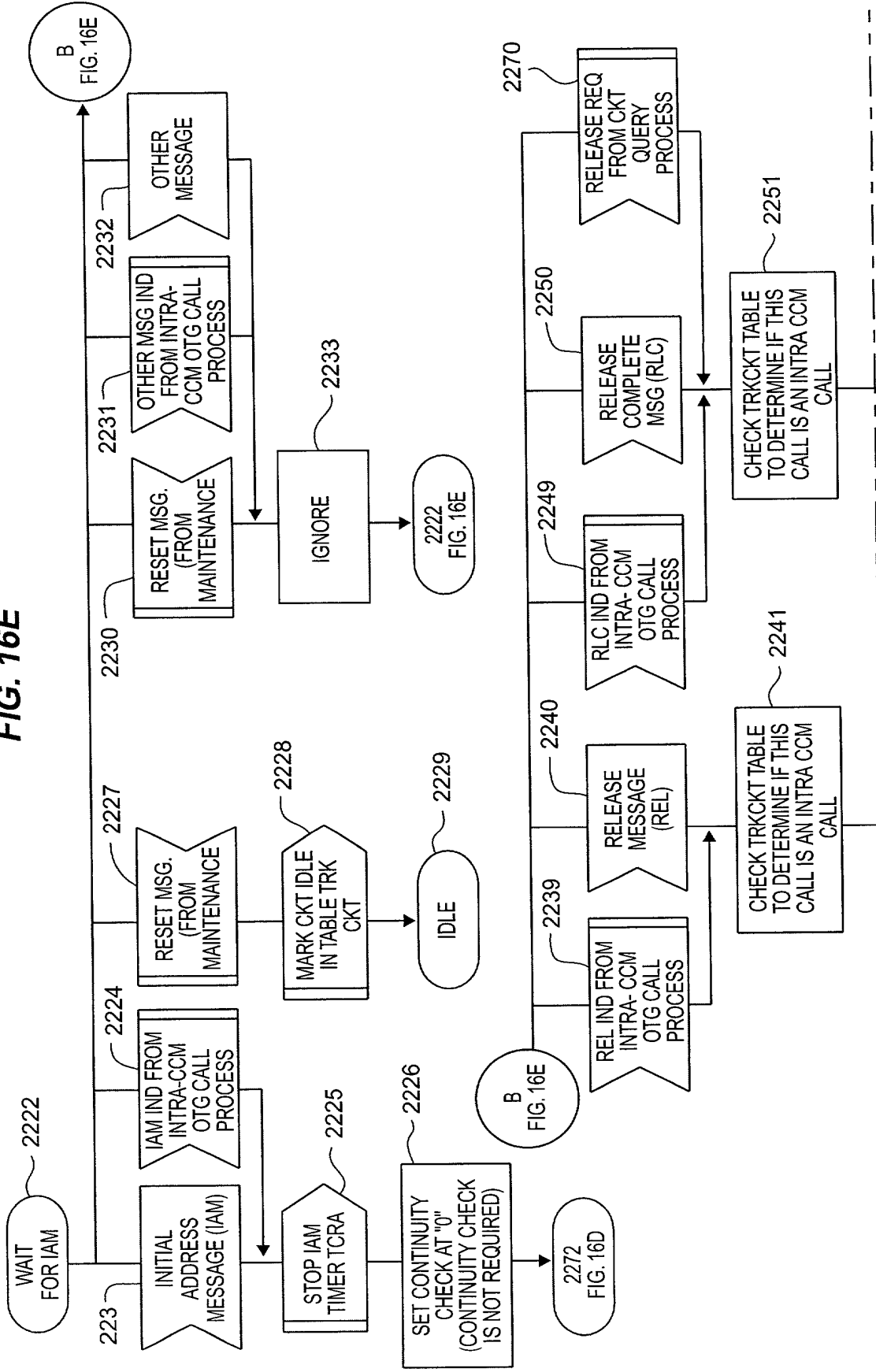


FIG. 16D

FIG. 16E



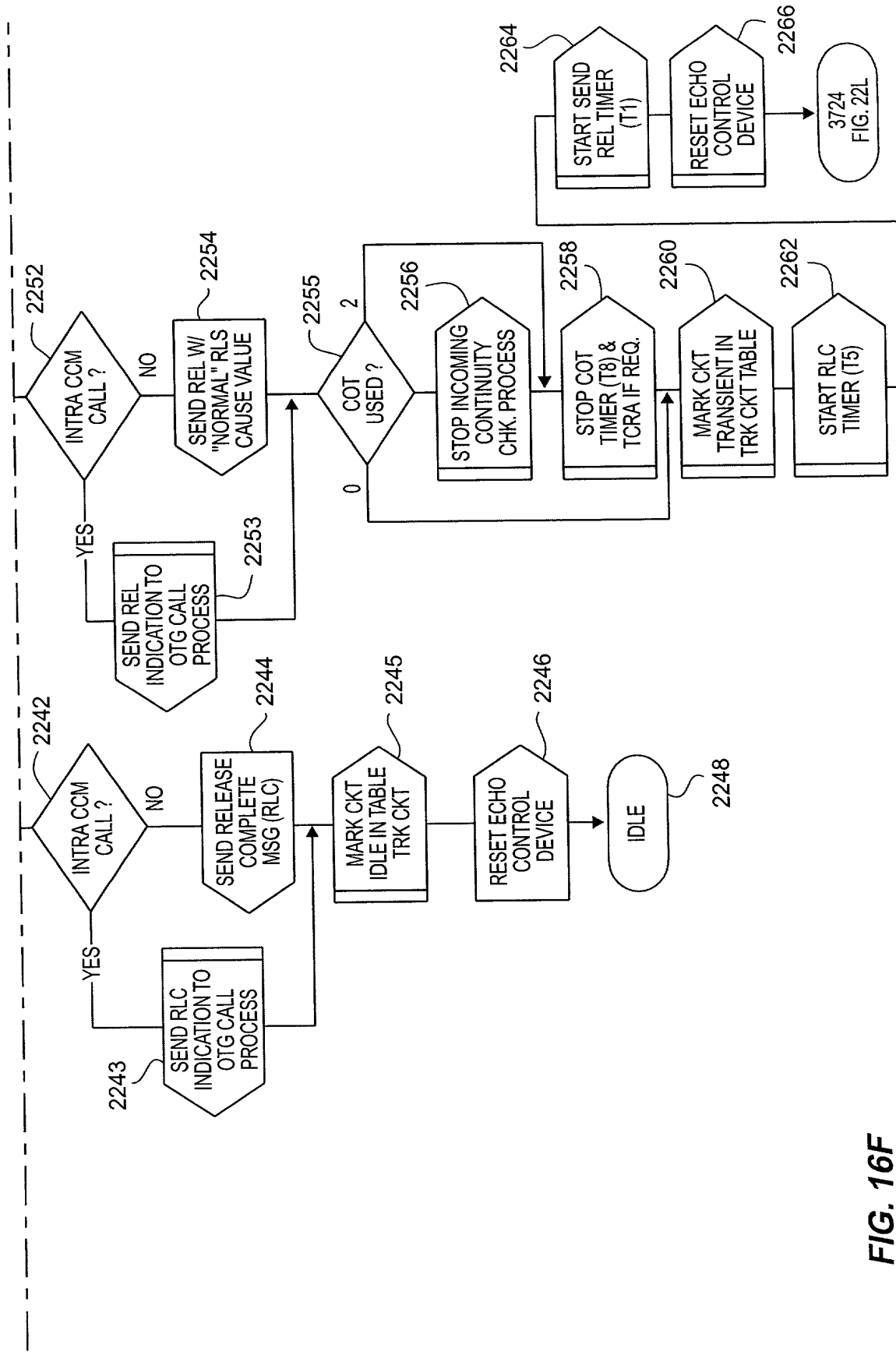
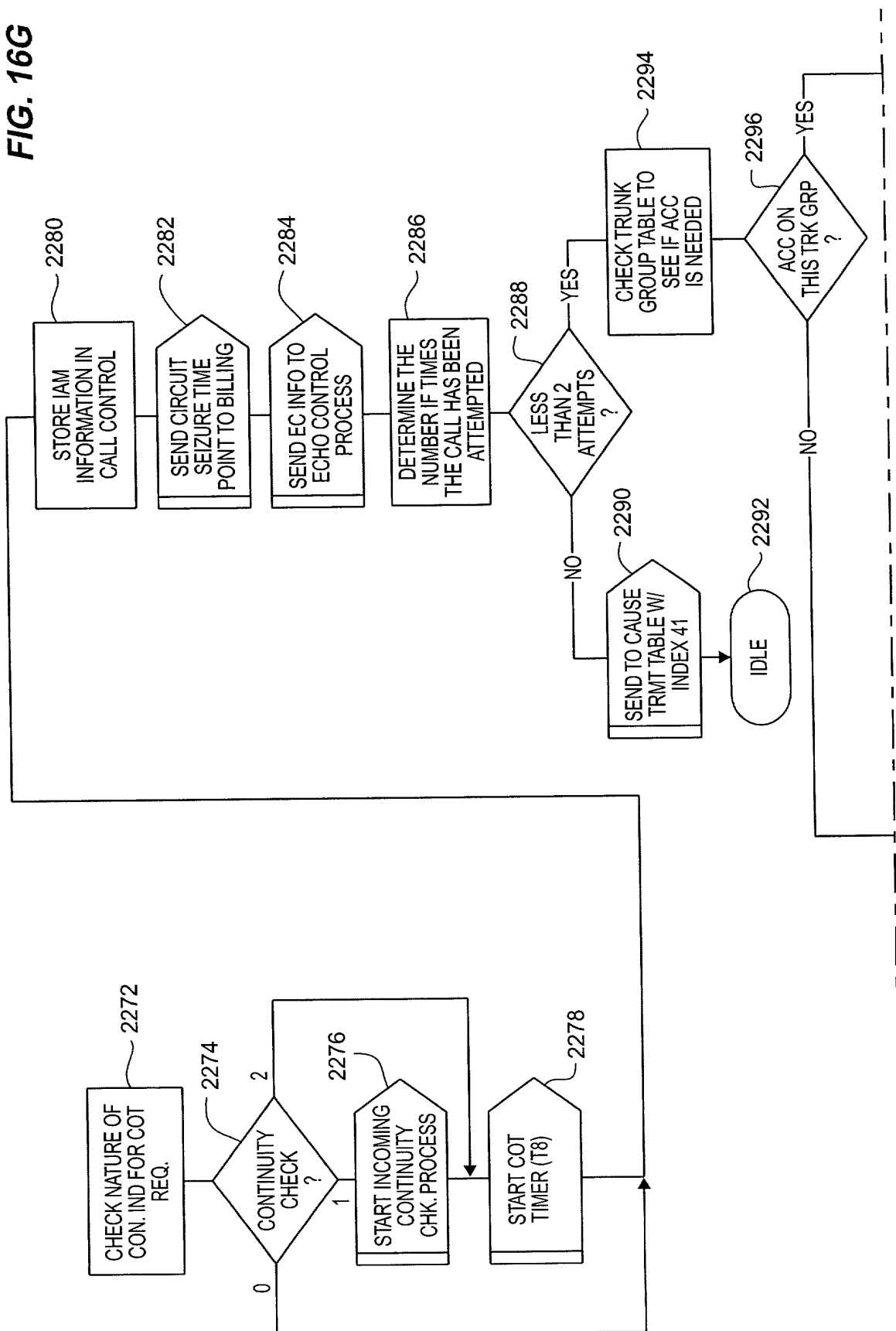


FIG. 16F

FIG. 16G



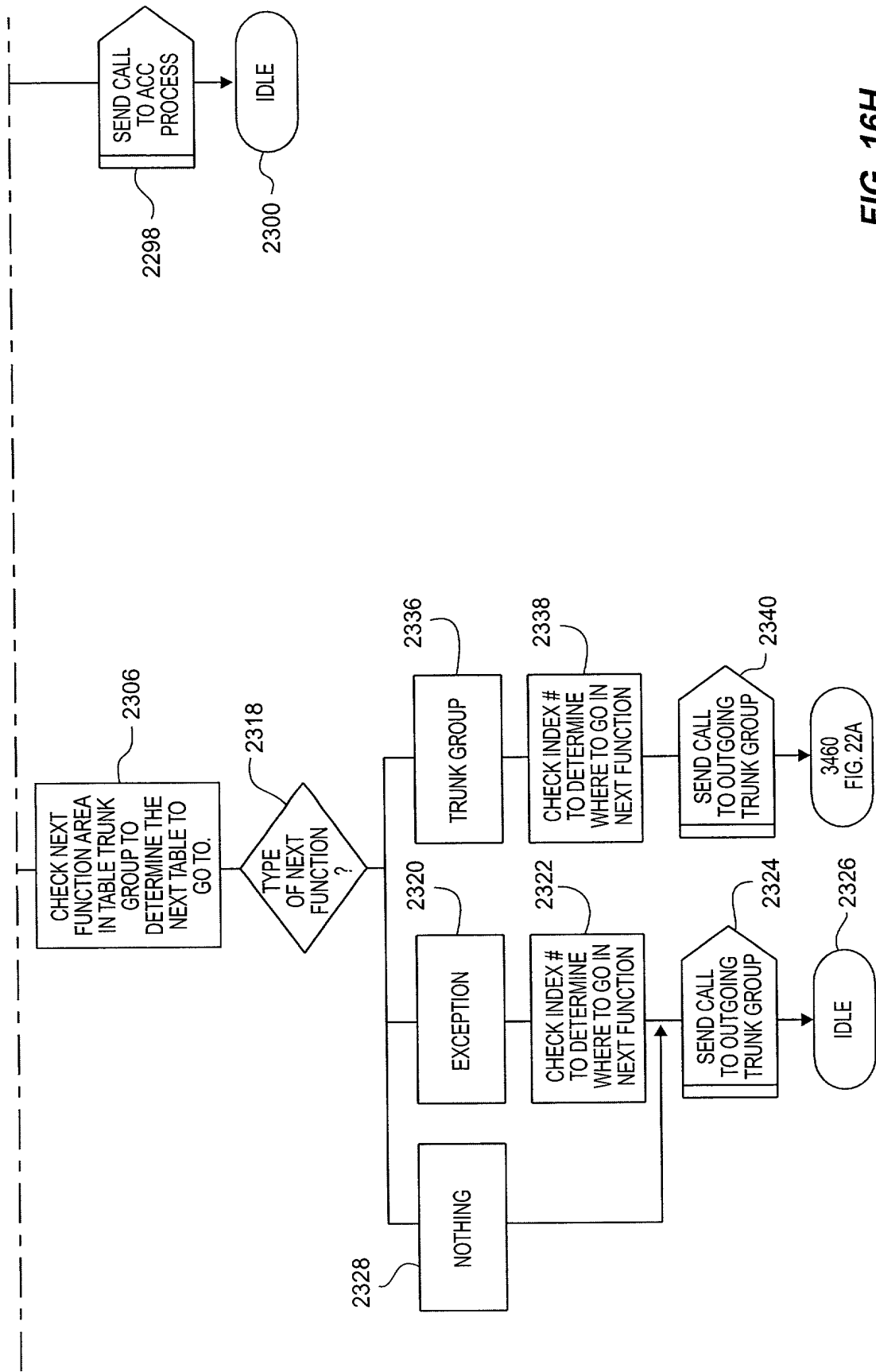
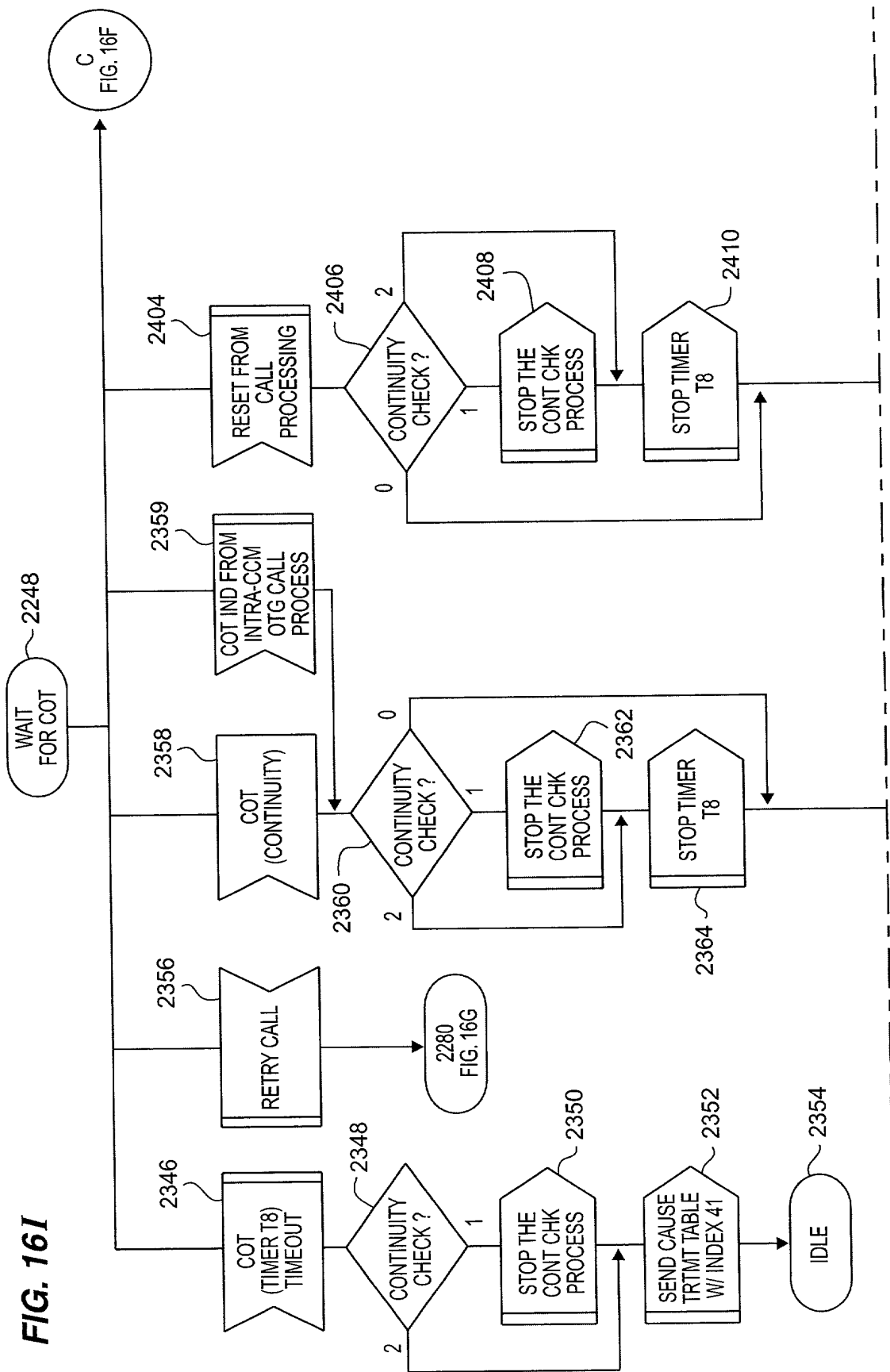


FIG. 16H



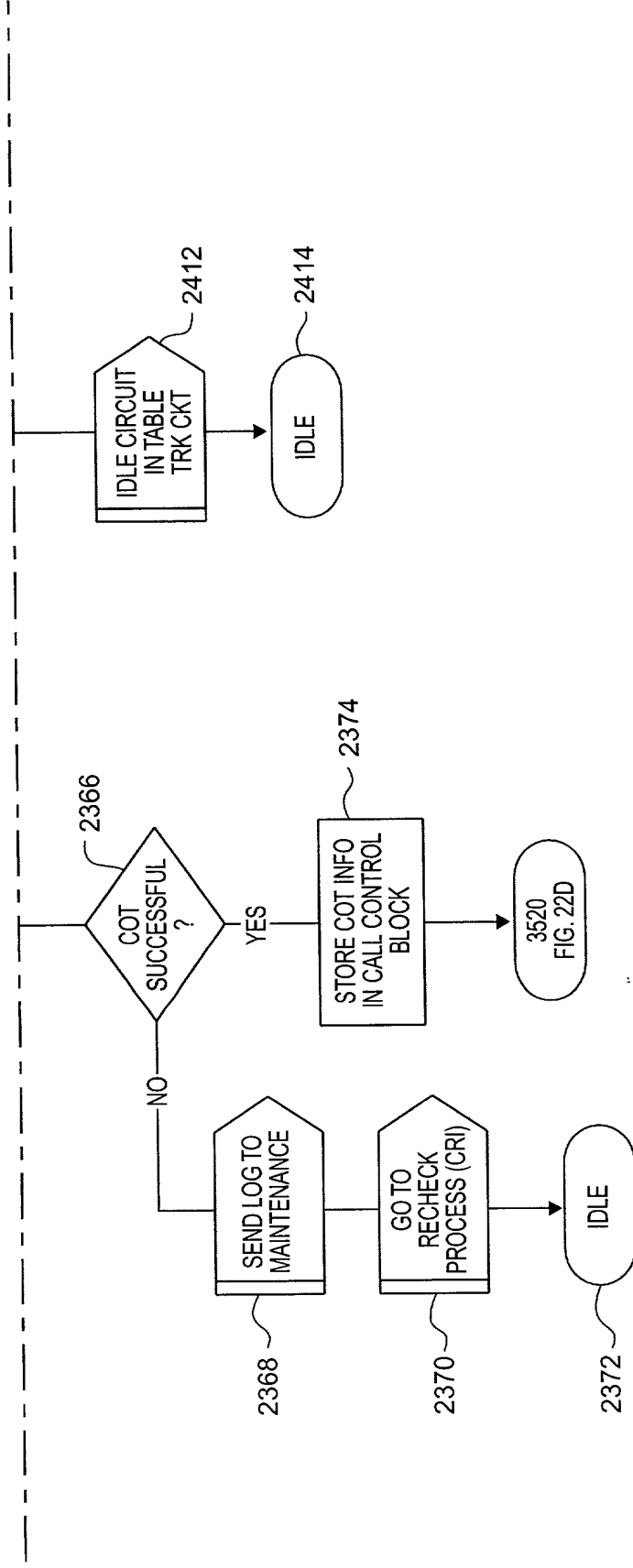
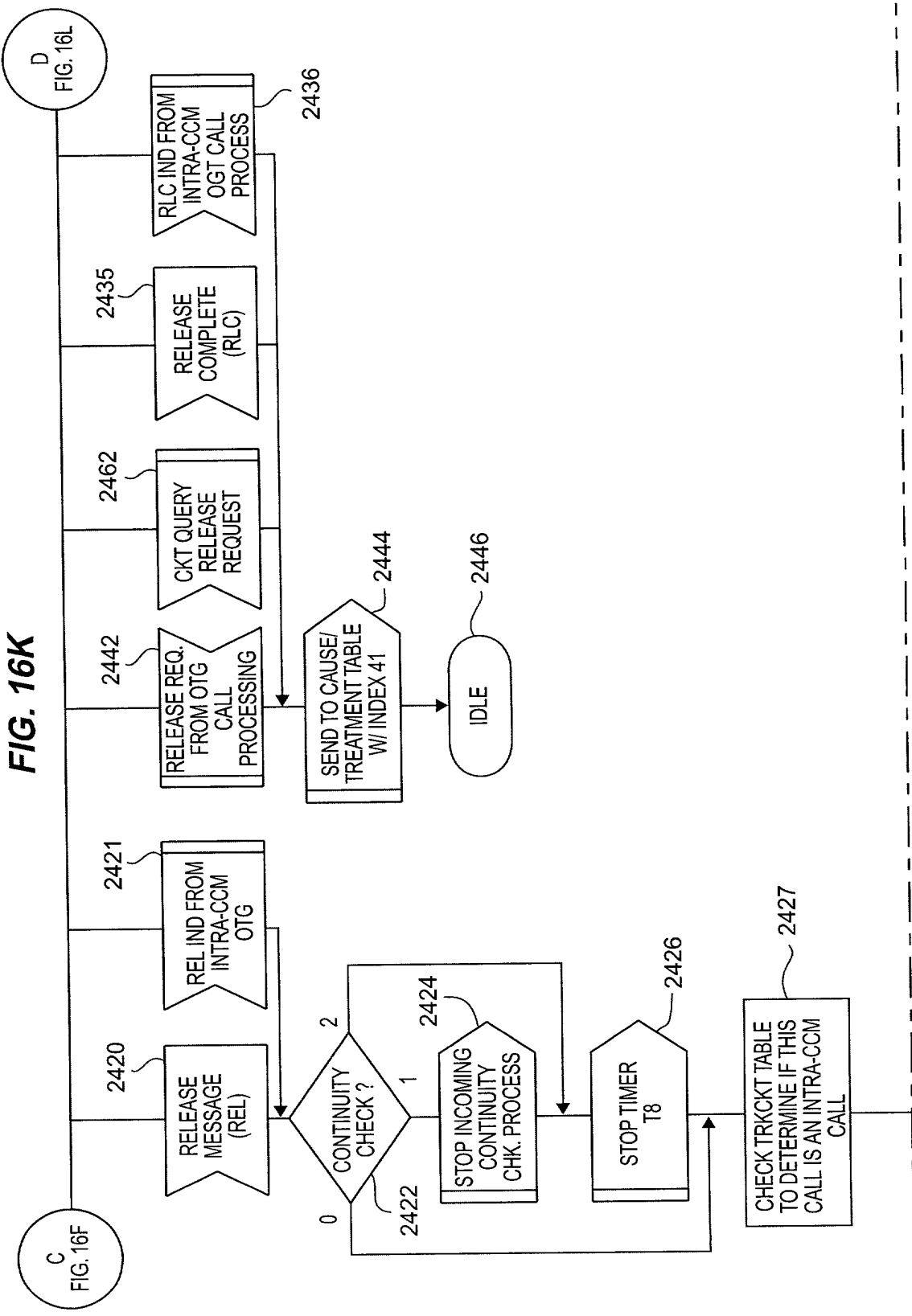


FIG. 16J



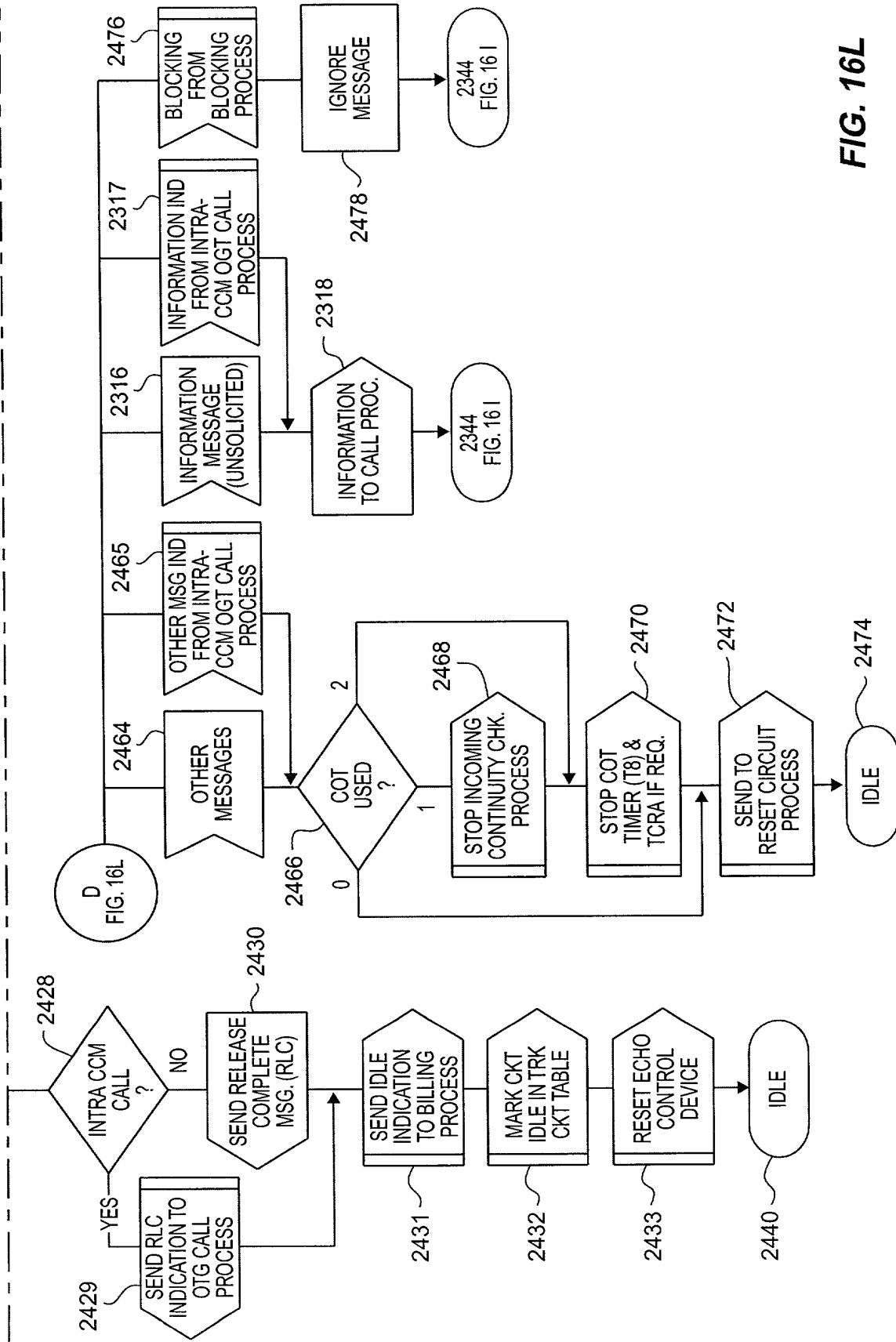
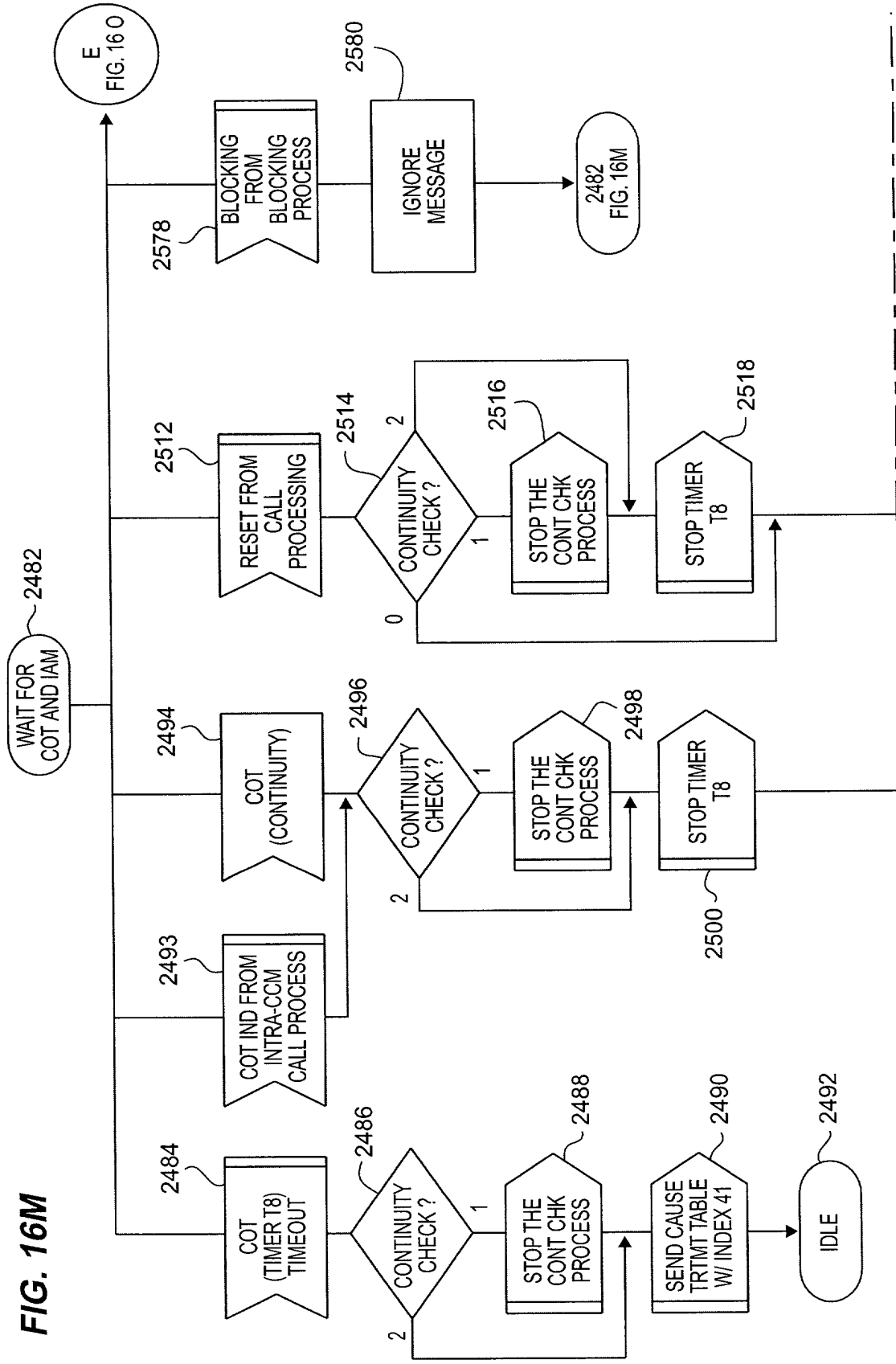


FIG. 16L

FIG. 16M



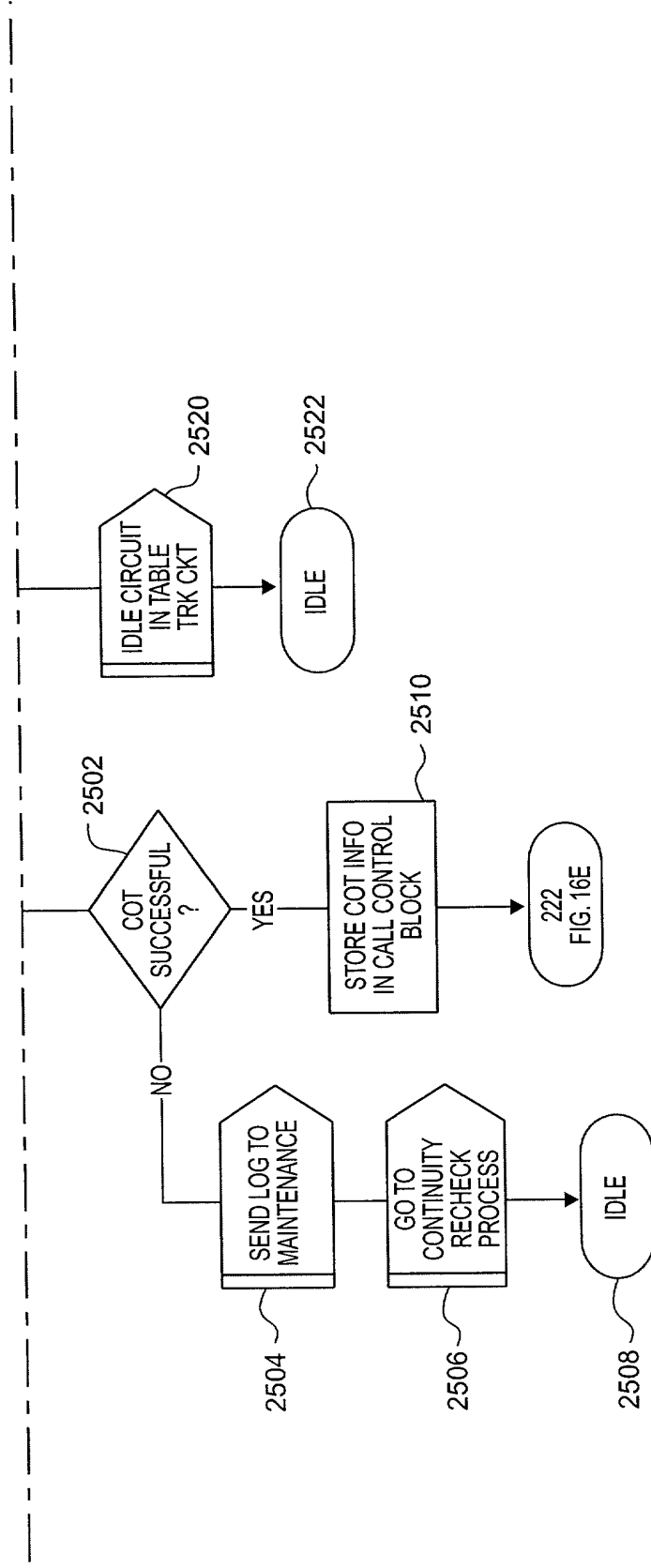
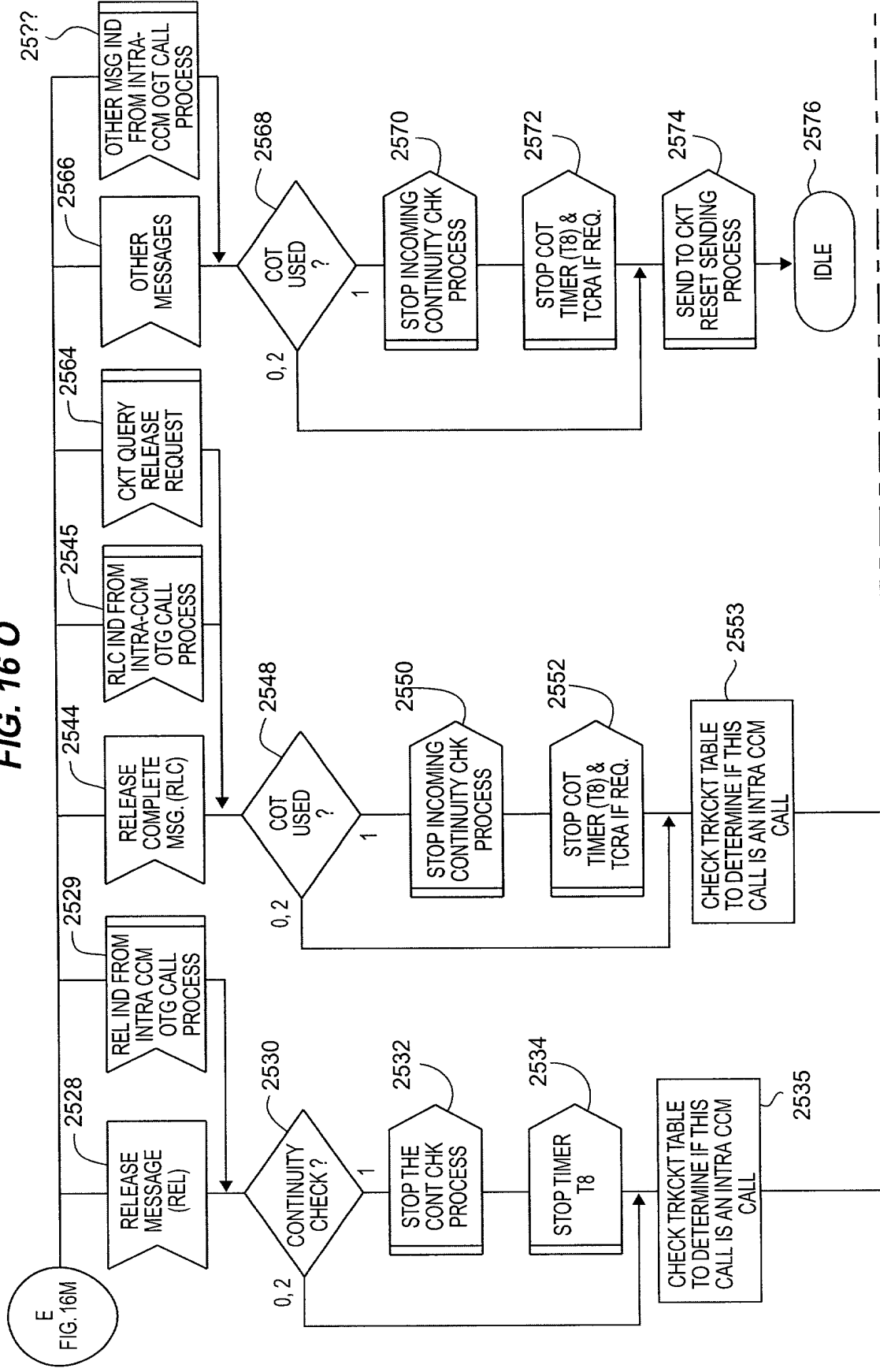


FIG. 16N

FIG. 16 O



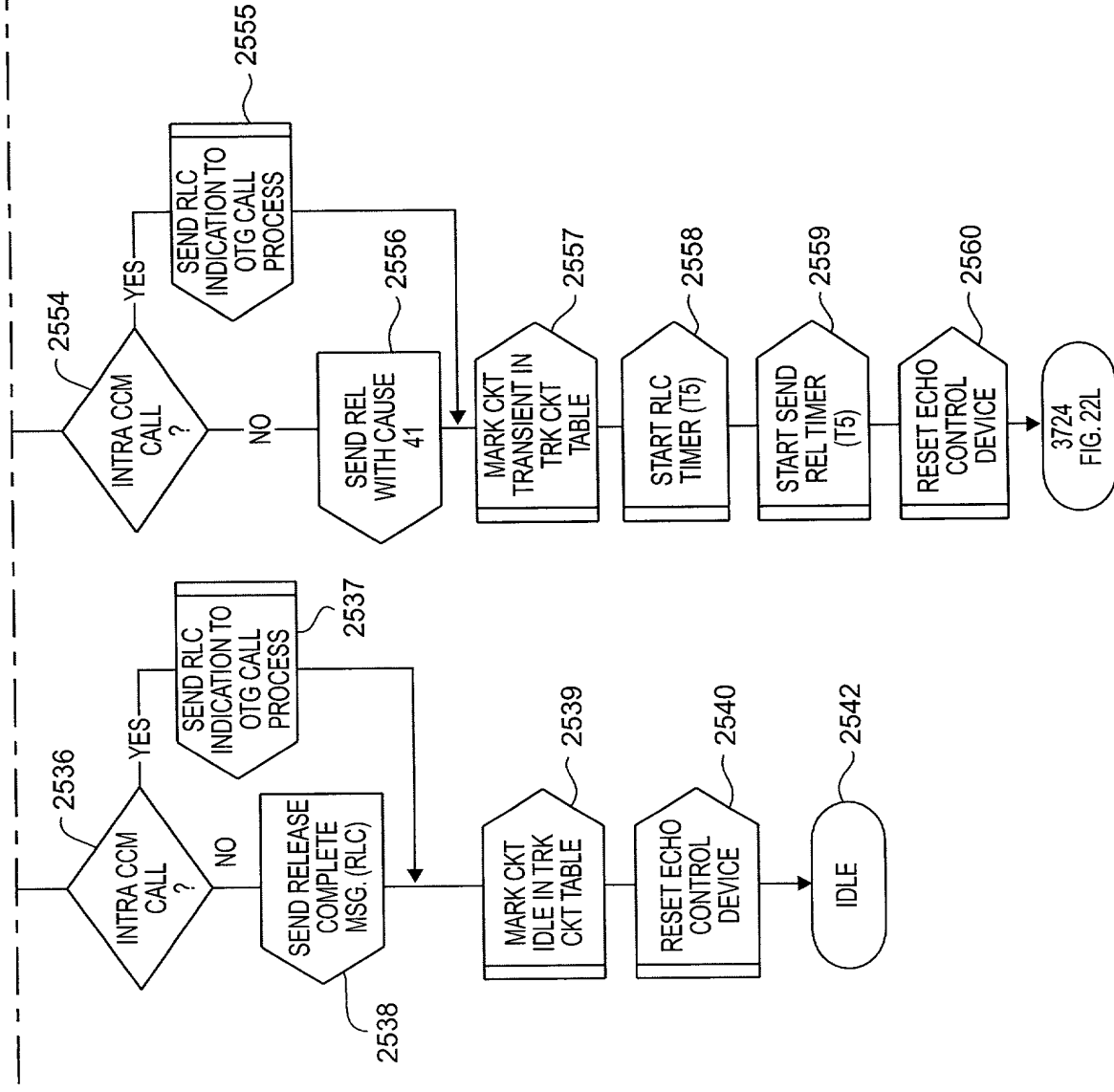
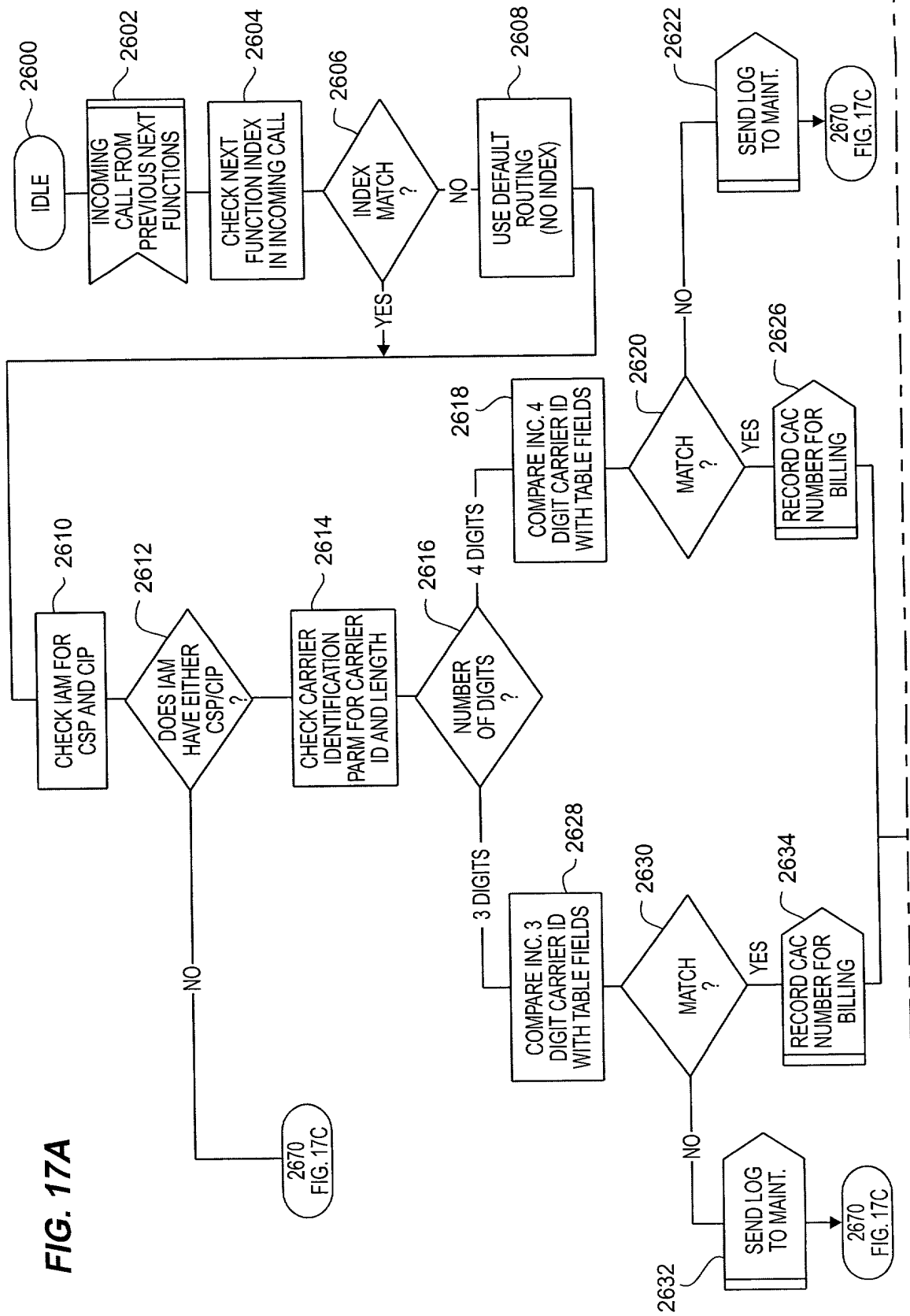


FIG. 16P

FIG. 17A



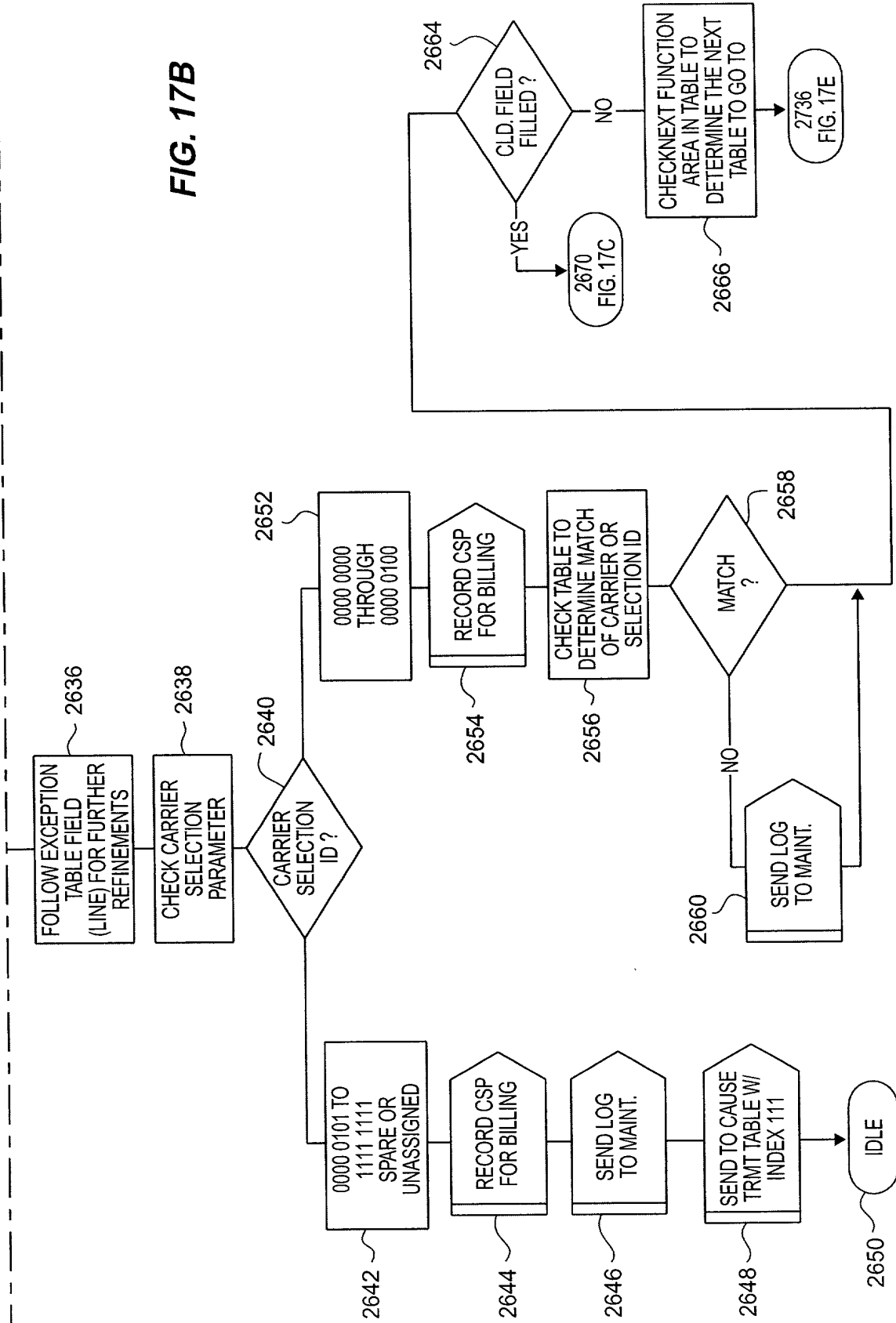
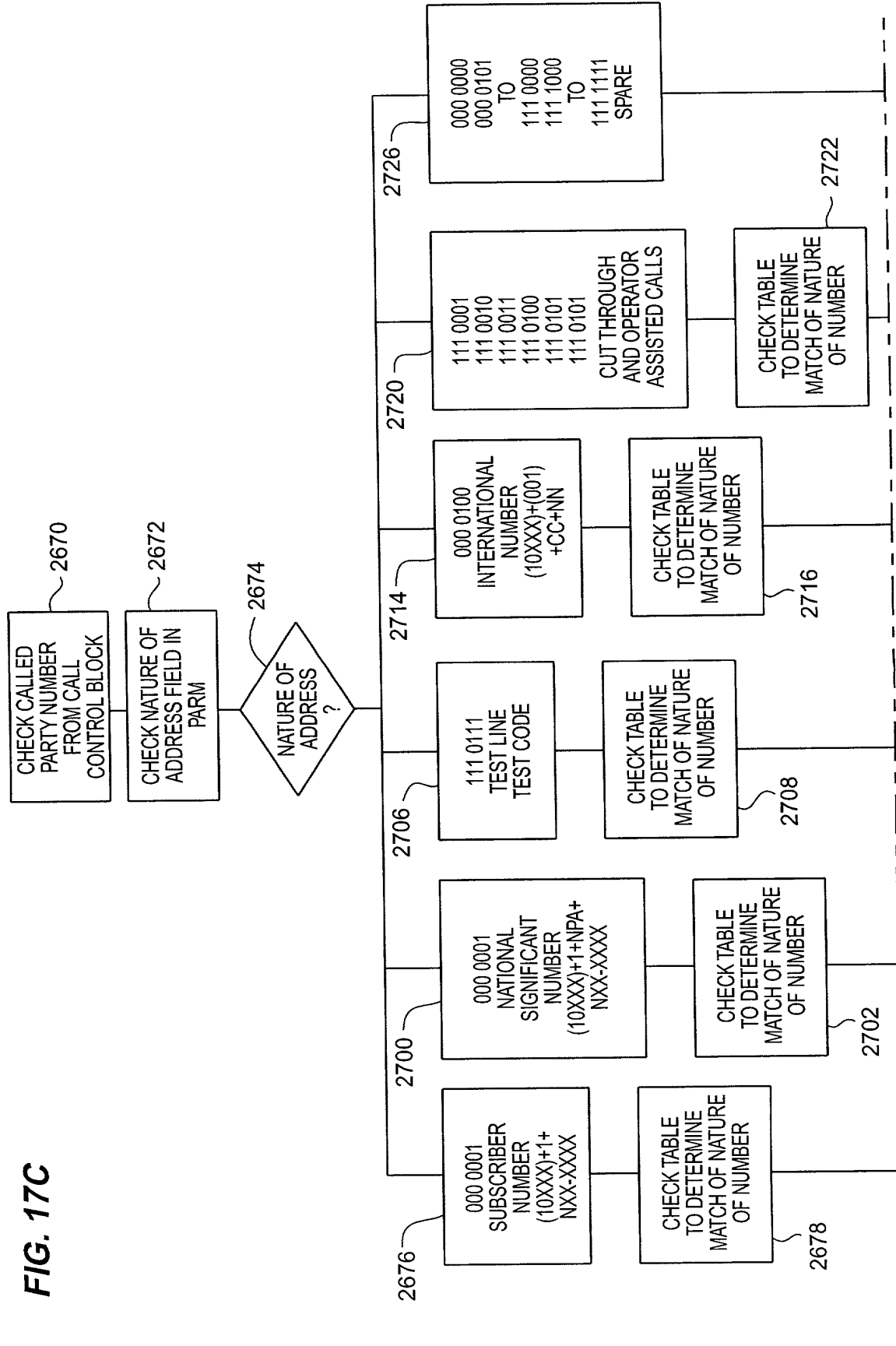


FIG. 17C



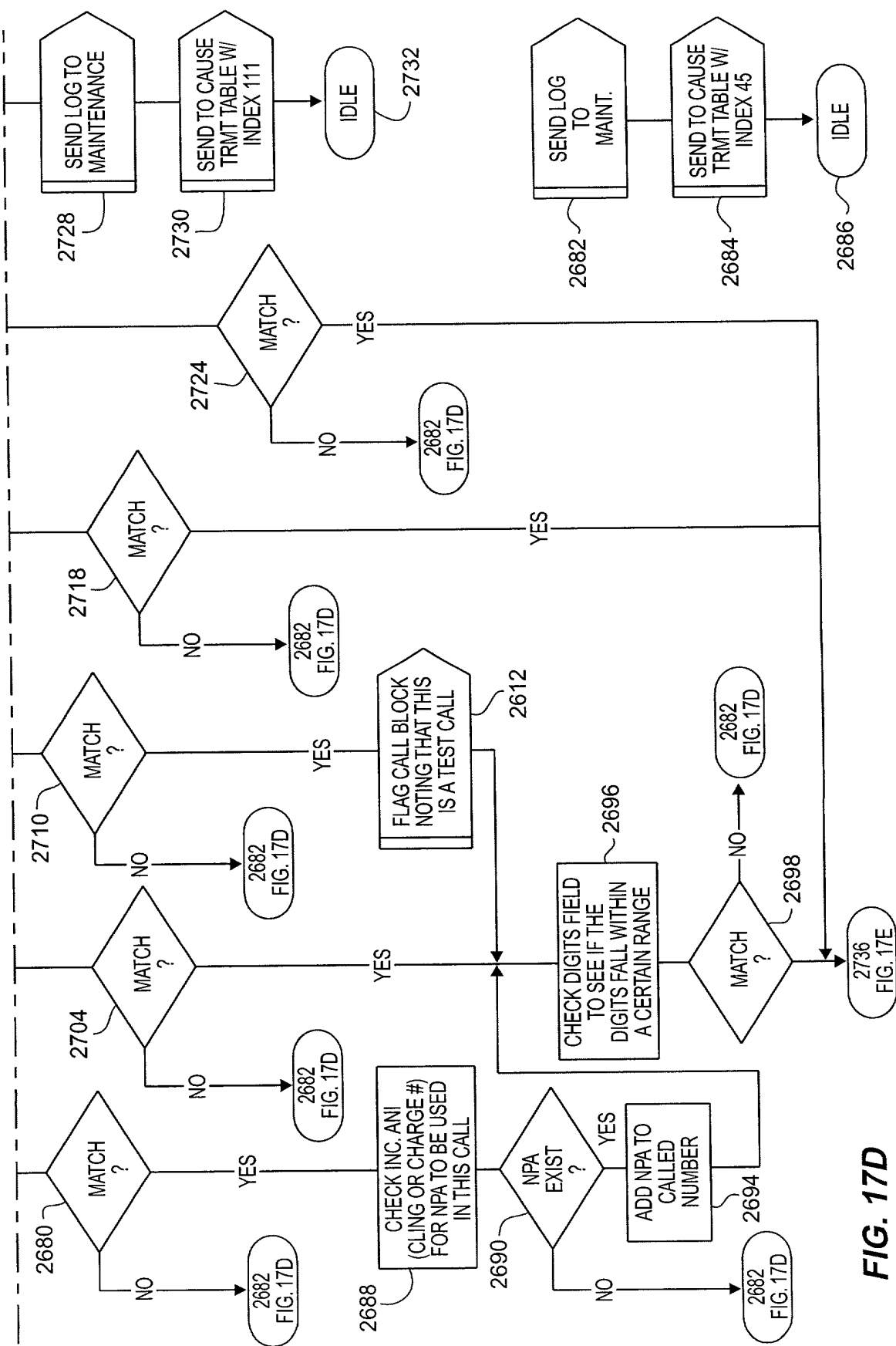
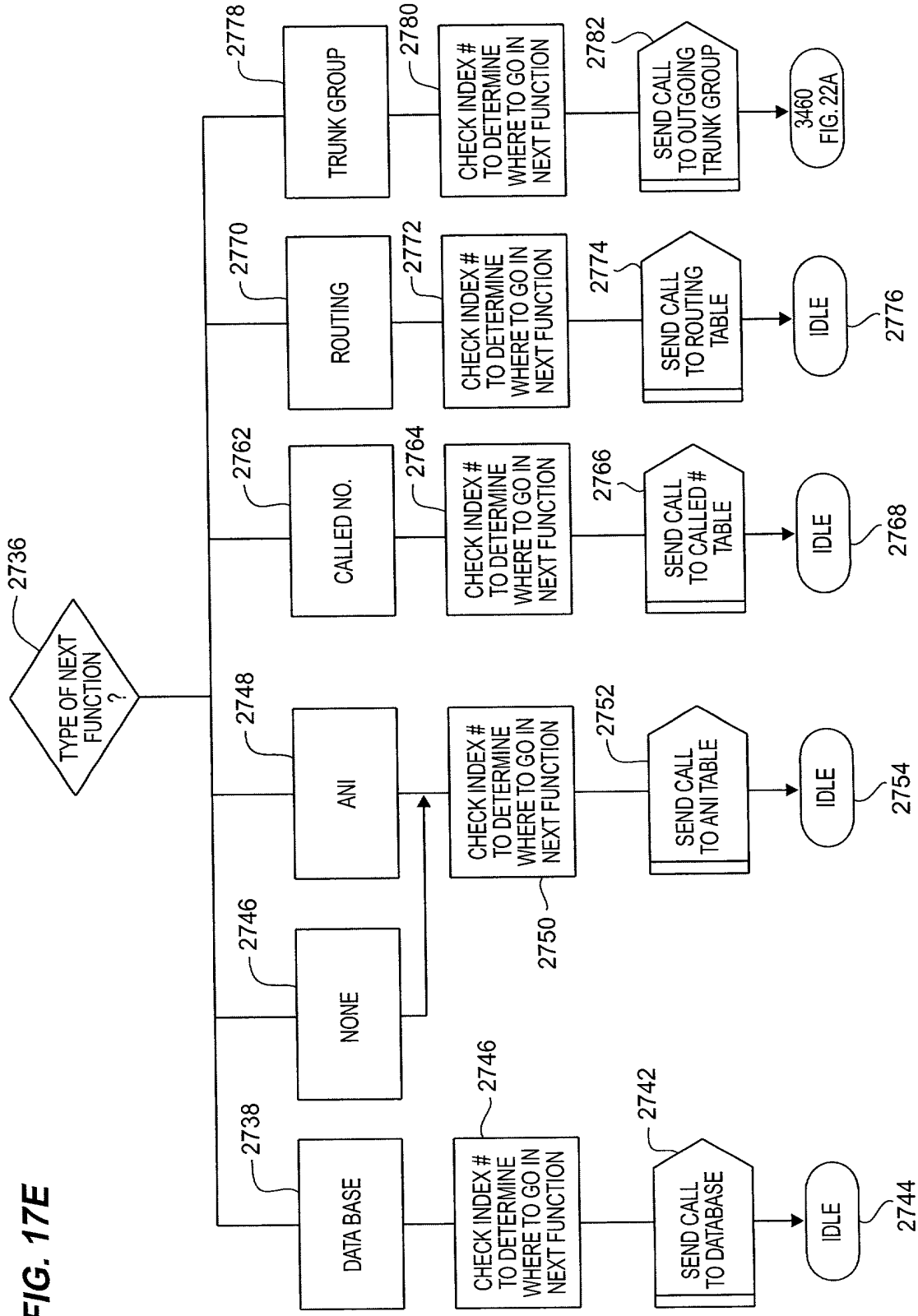
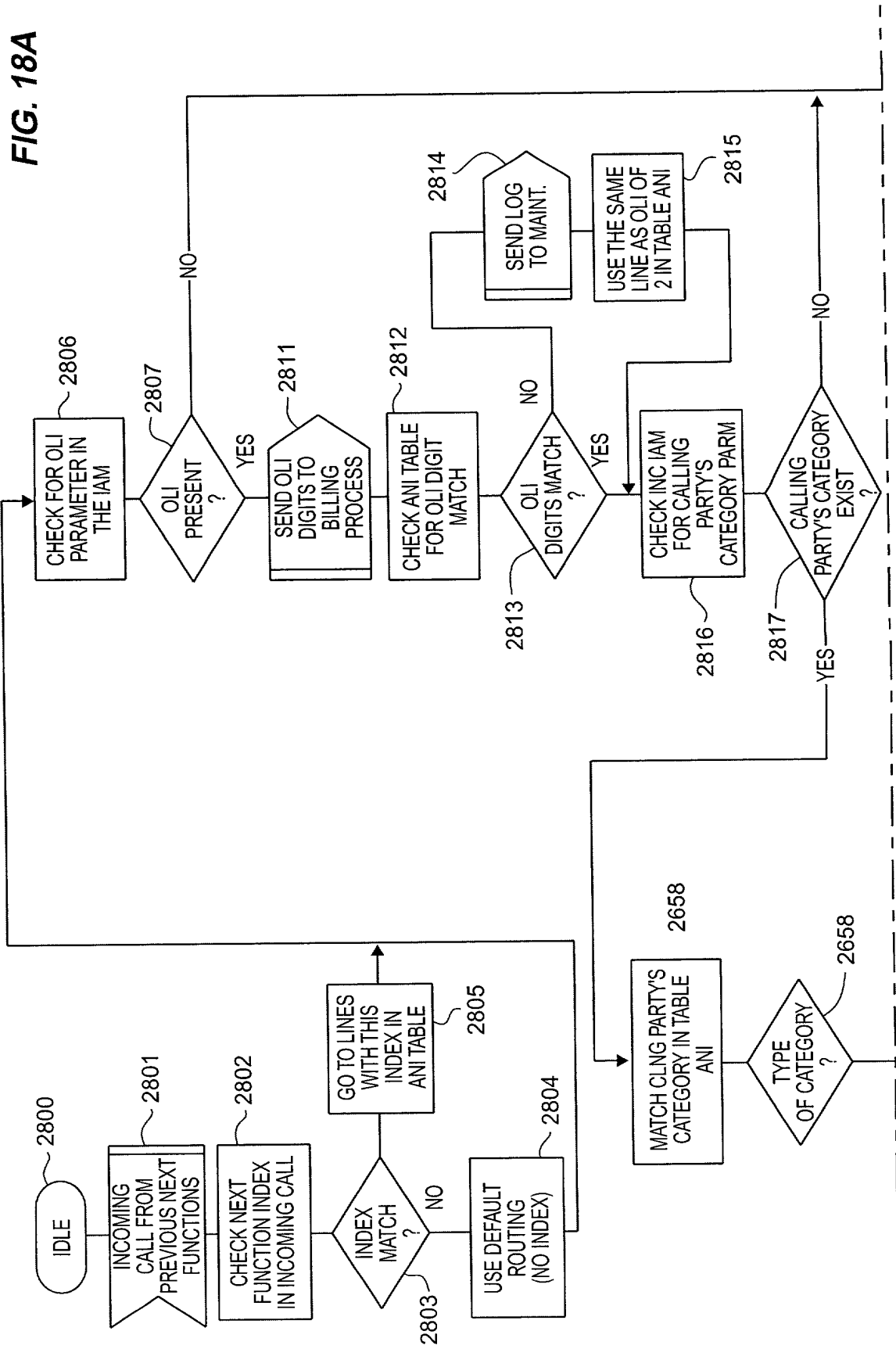


FIG. 17E





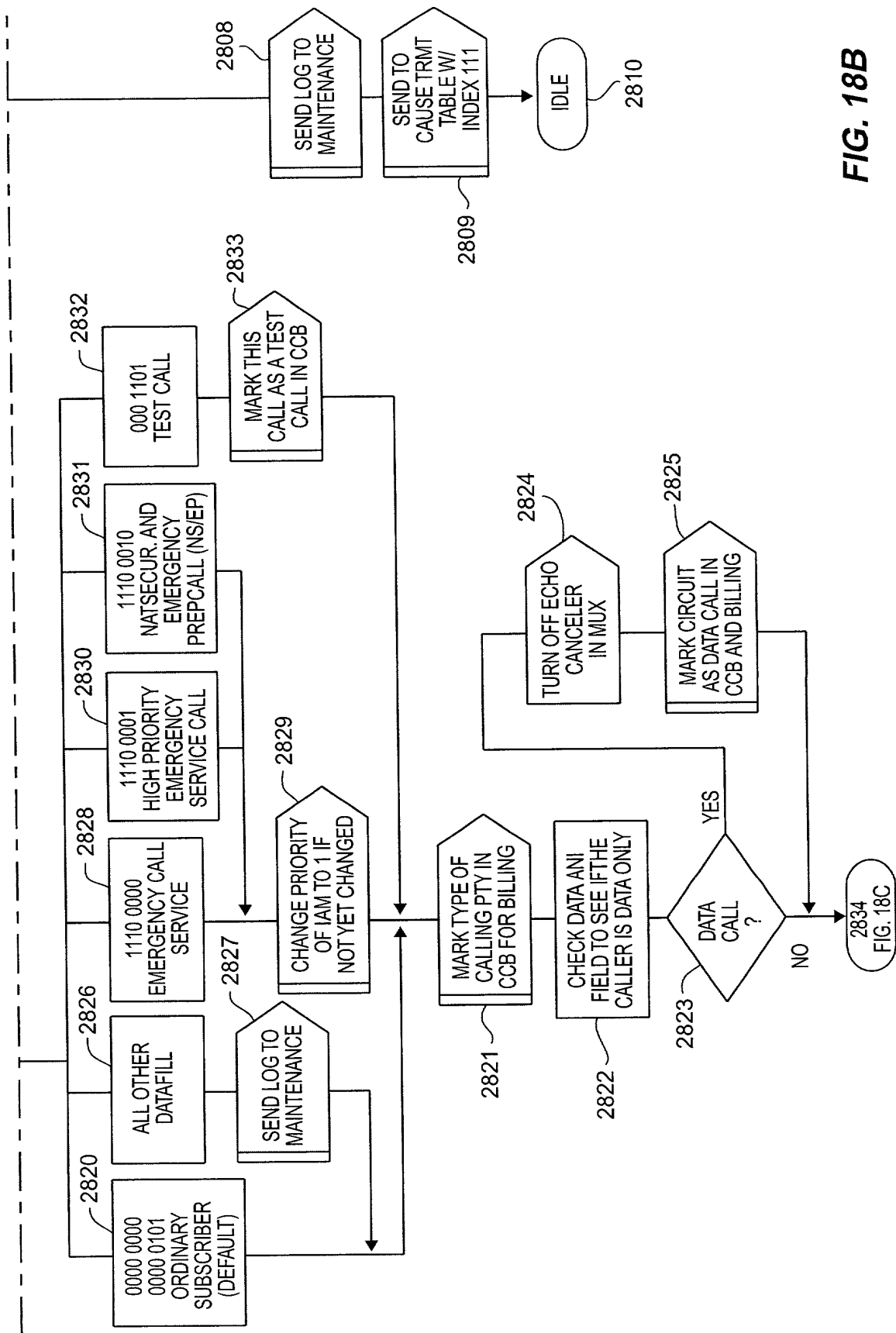
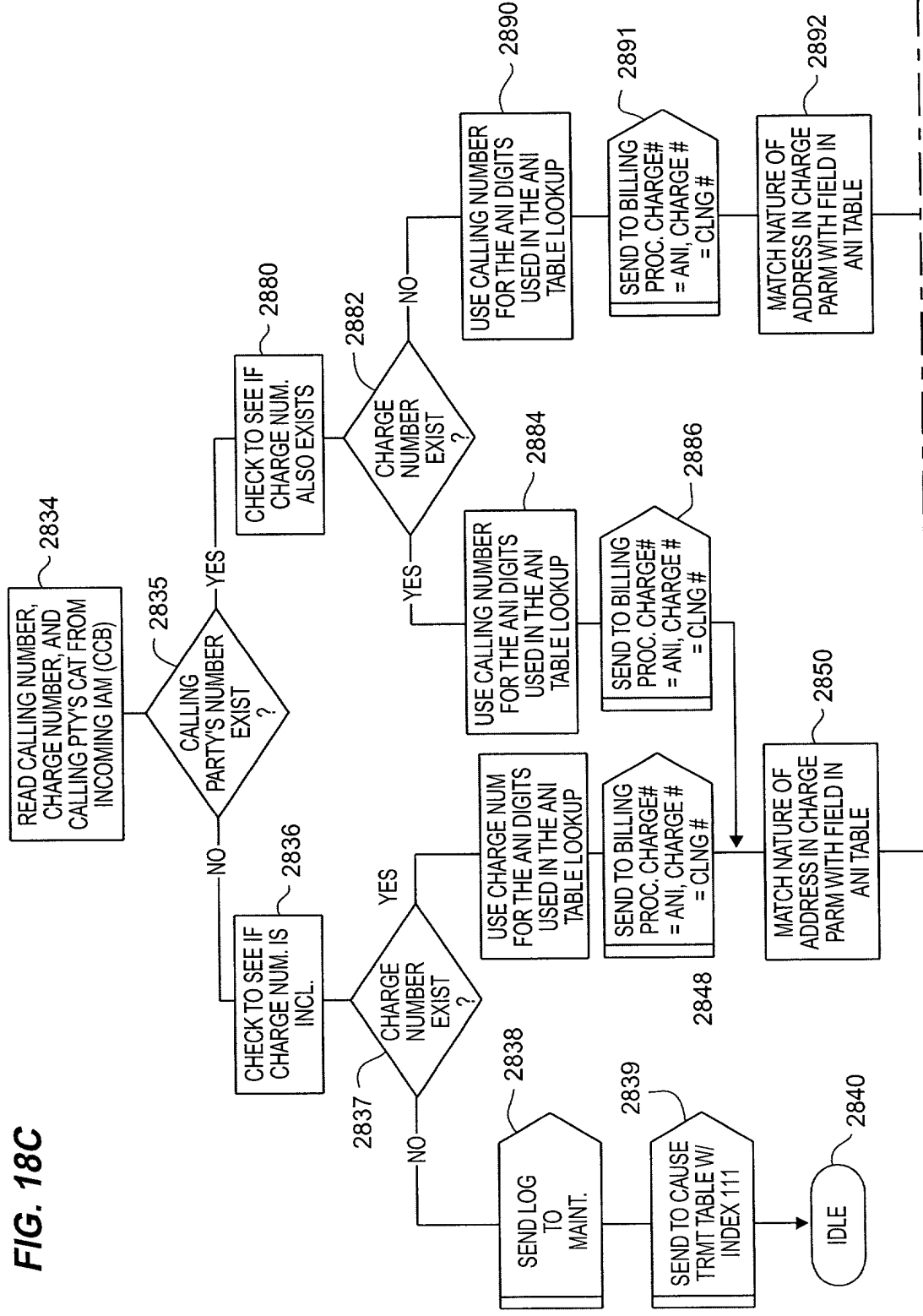


FIG. 18B

FIG. 18C



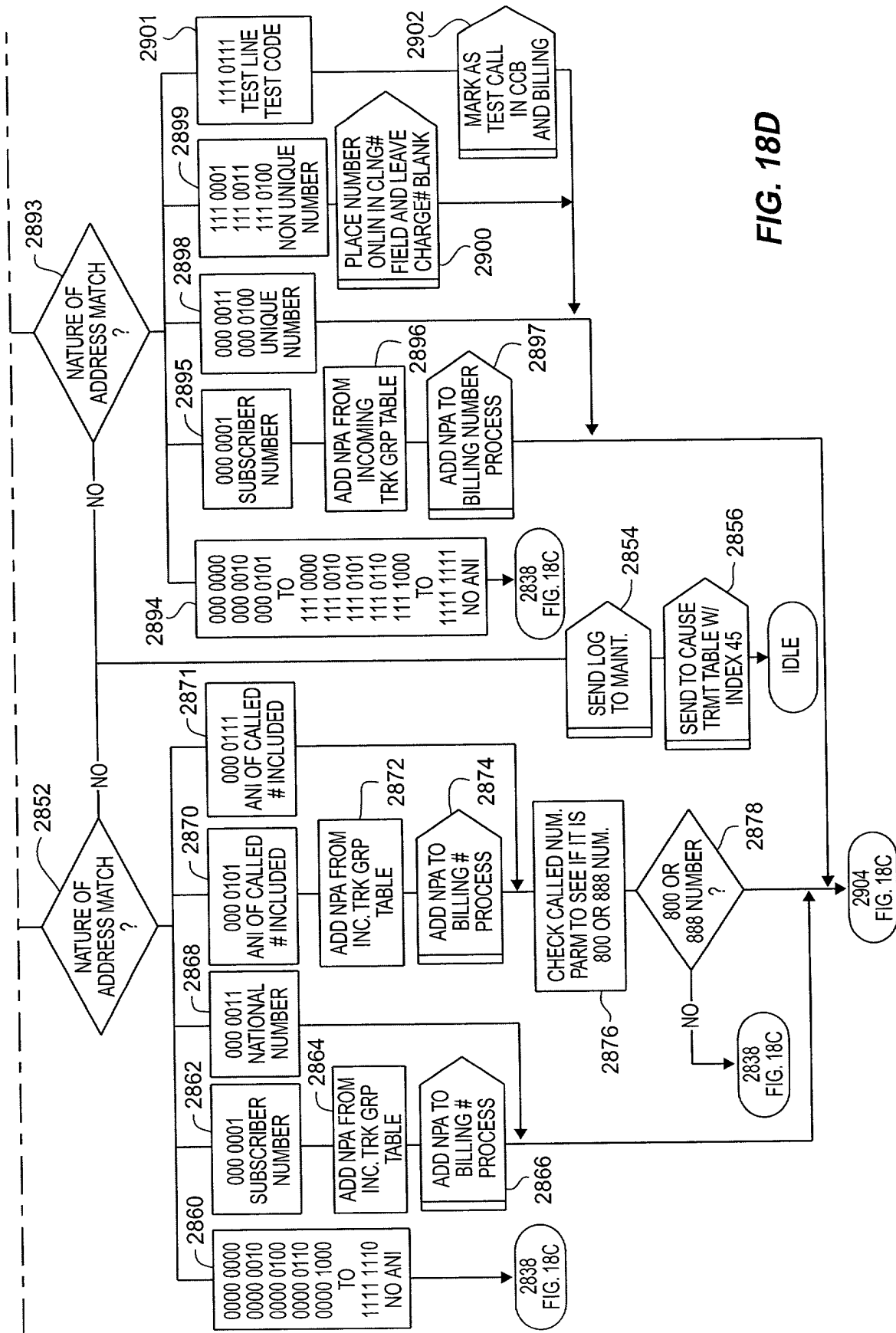
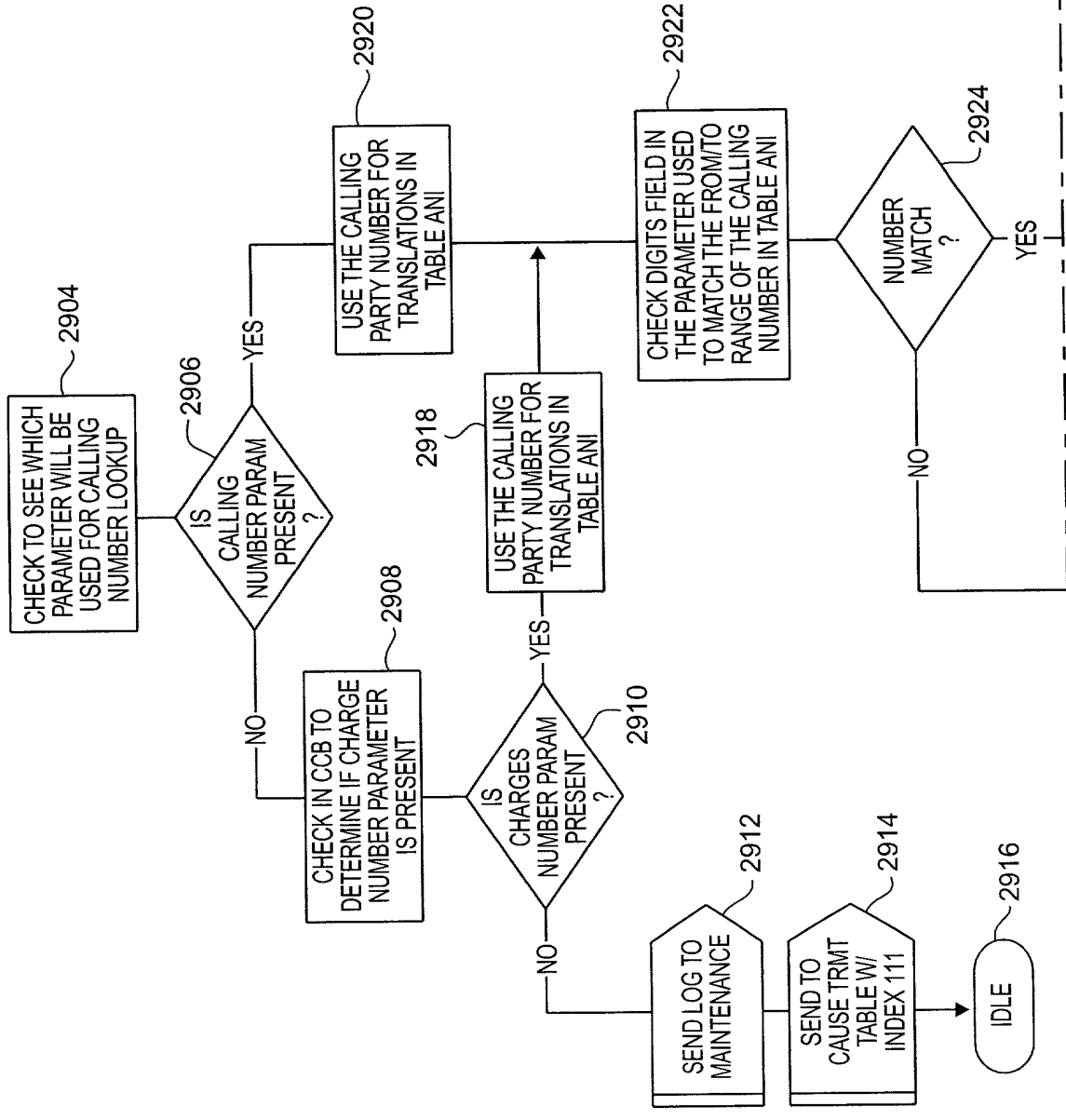


FIG. 18D

FIG. 18E



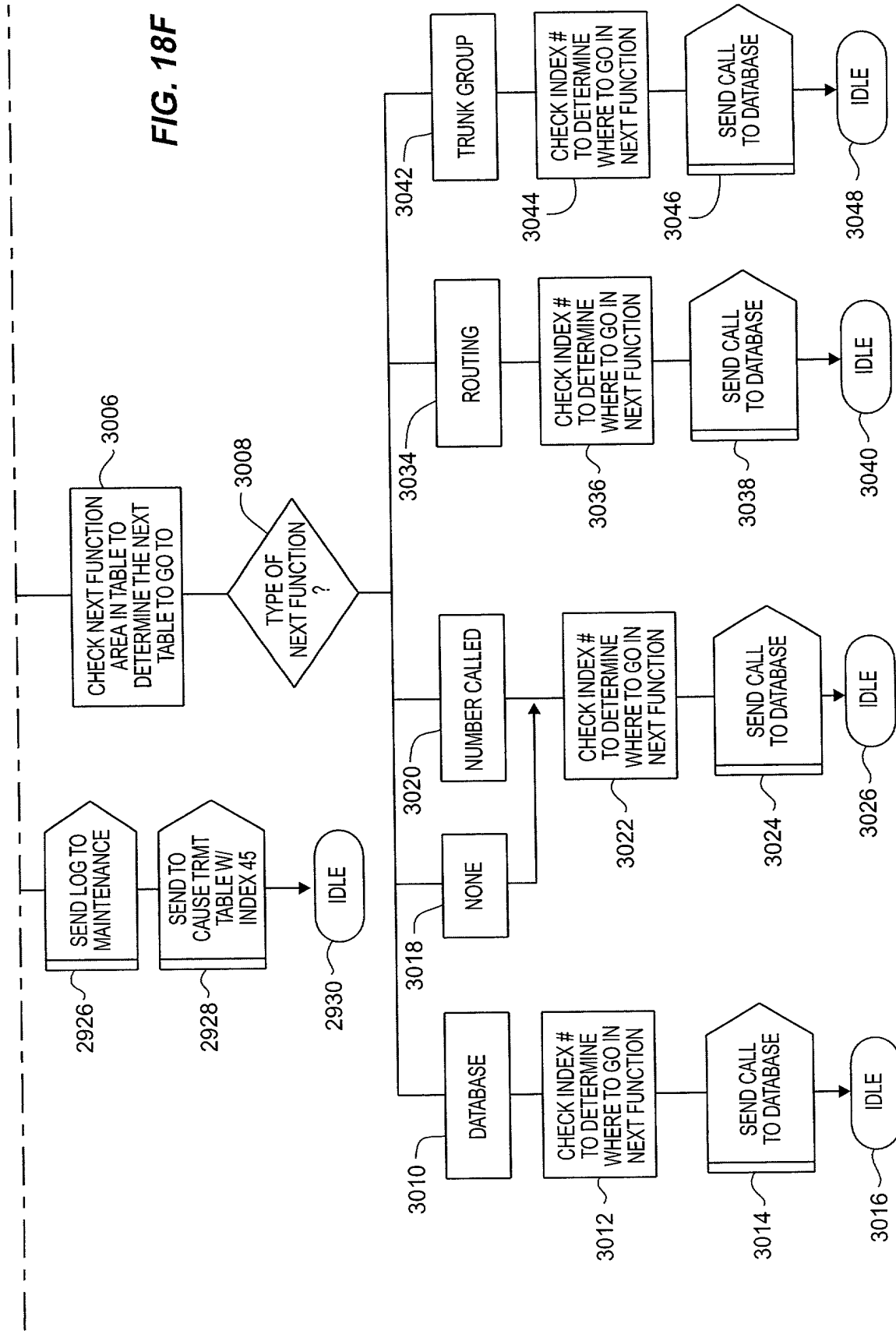
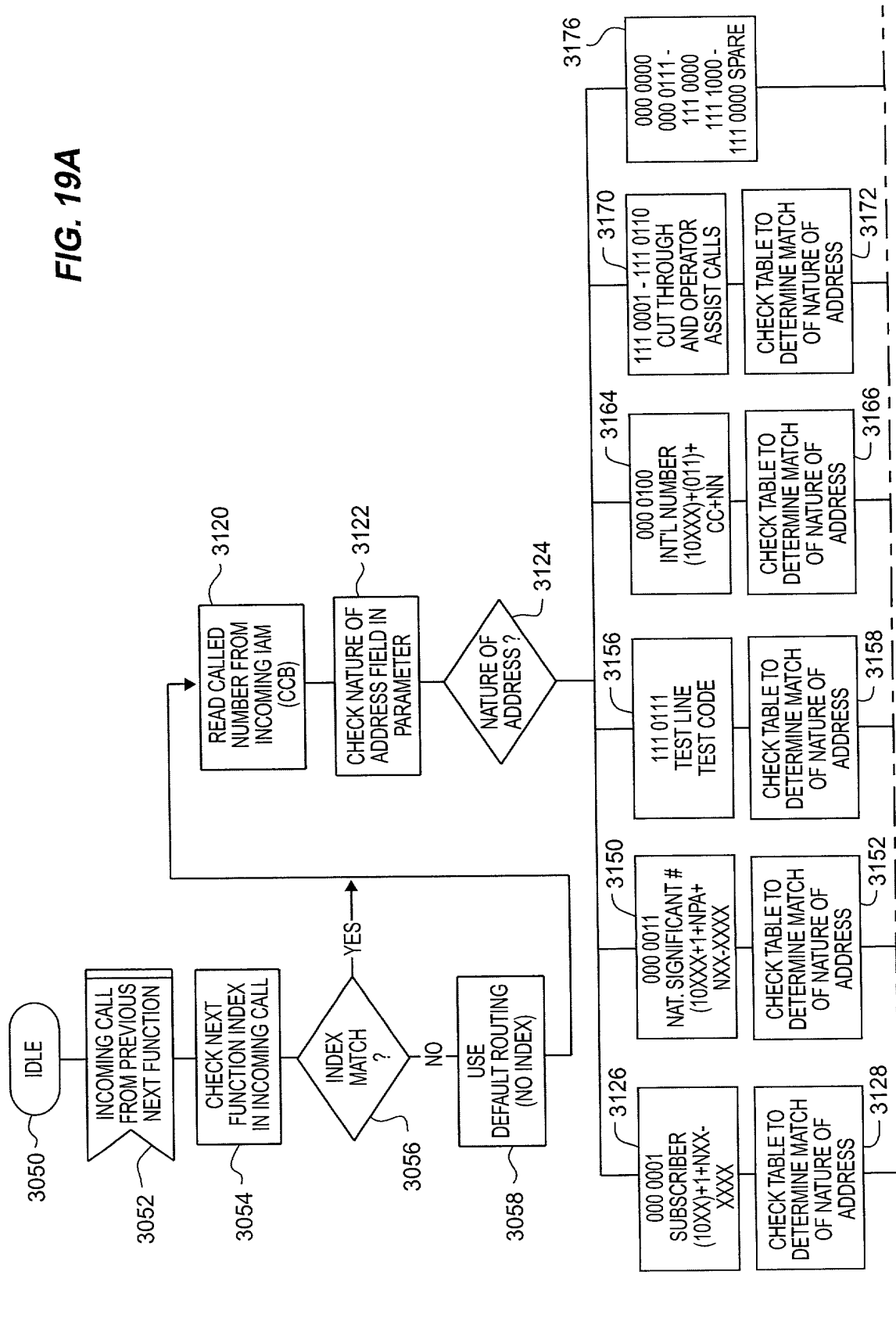


FIG. 18F

FIG. 19A



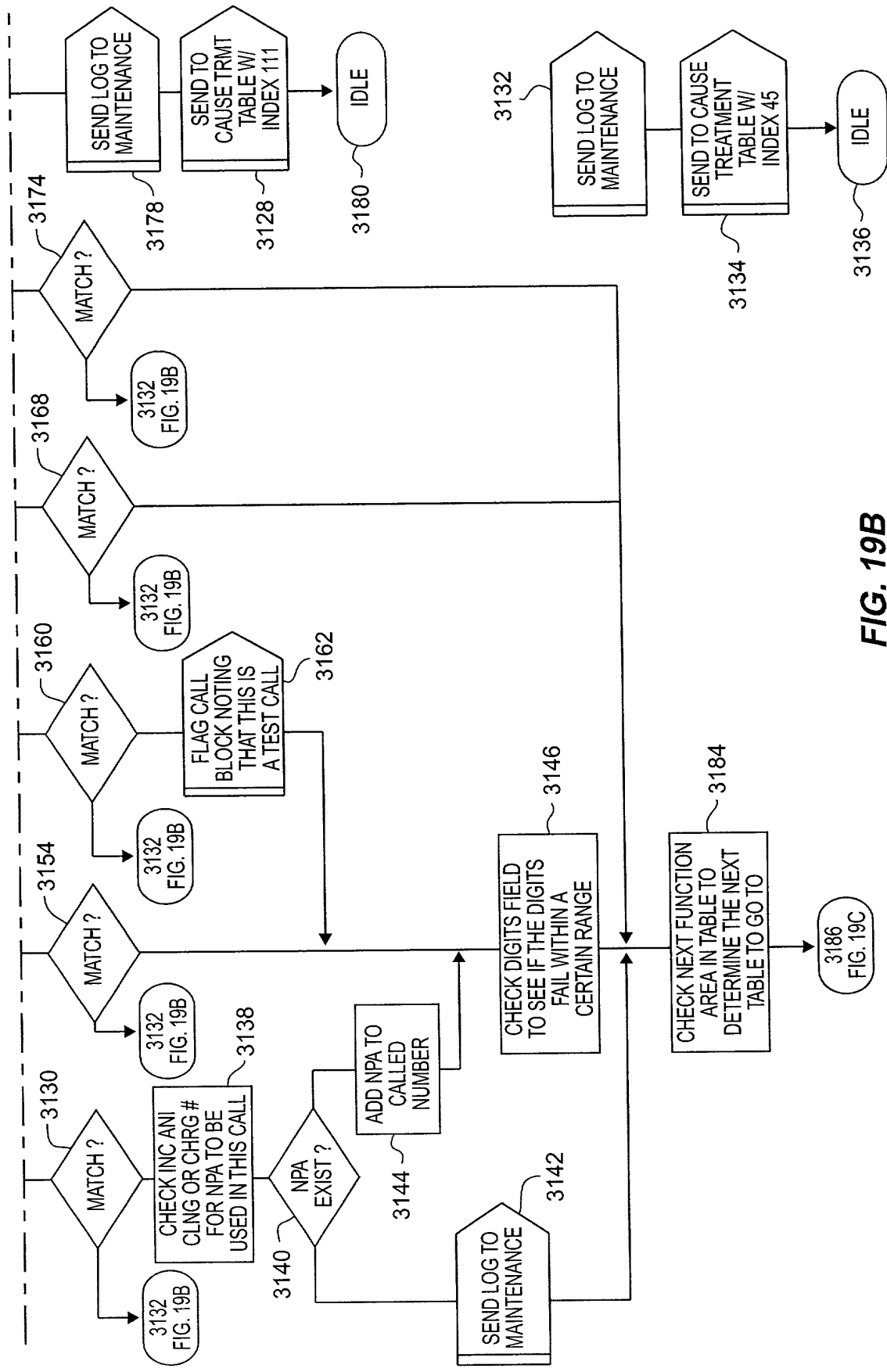


FIG. 19B

FIG. 19C

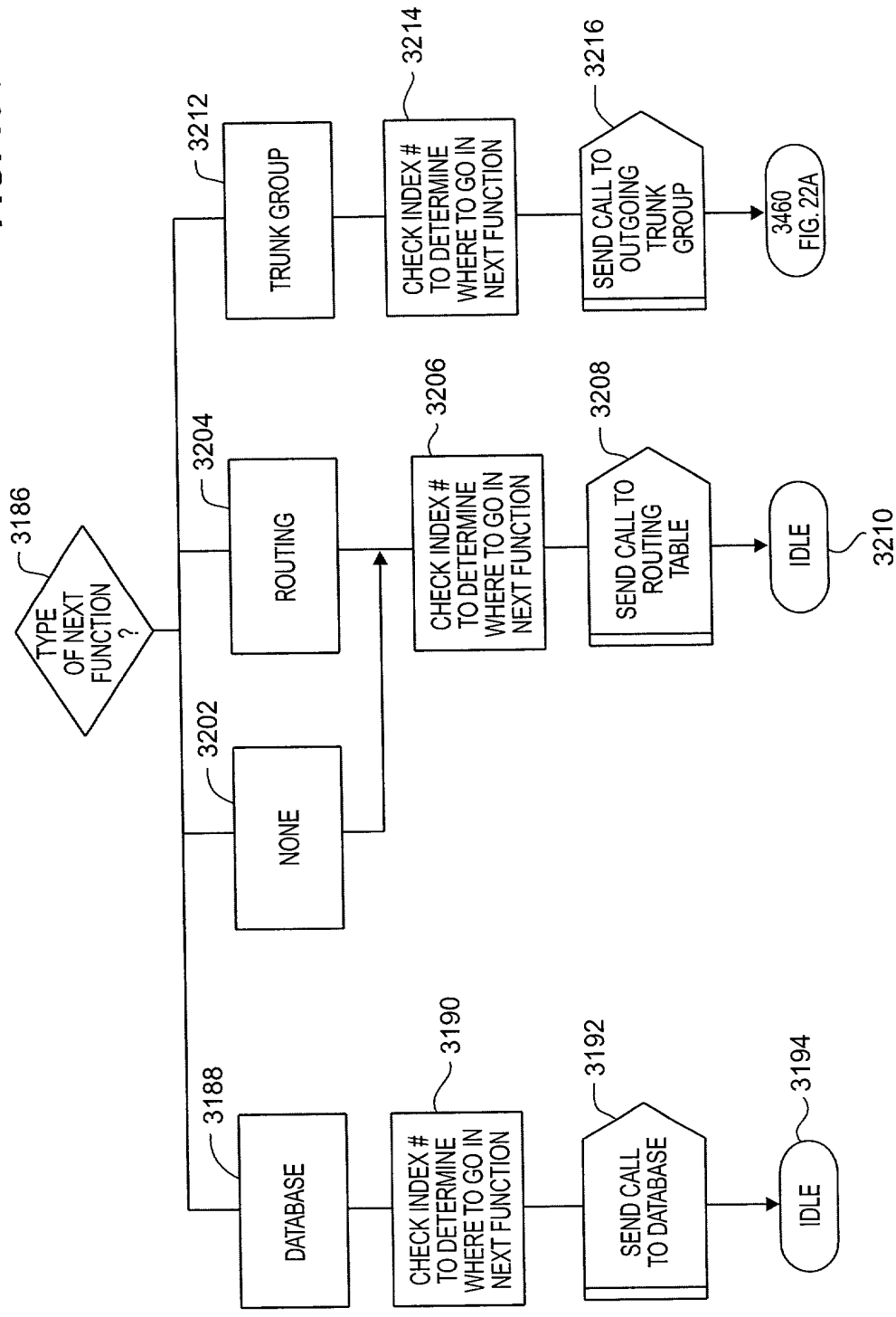


FIG. 20A

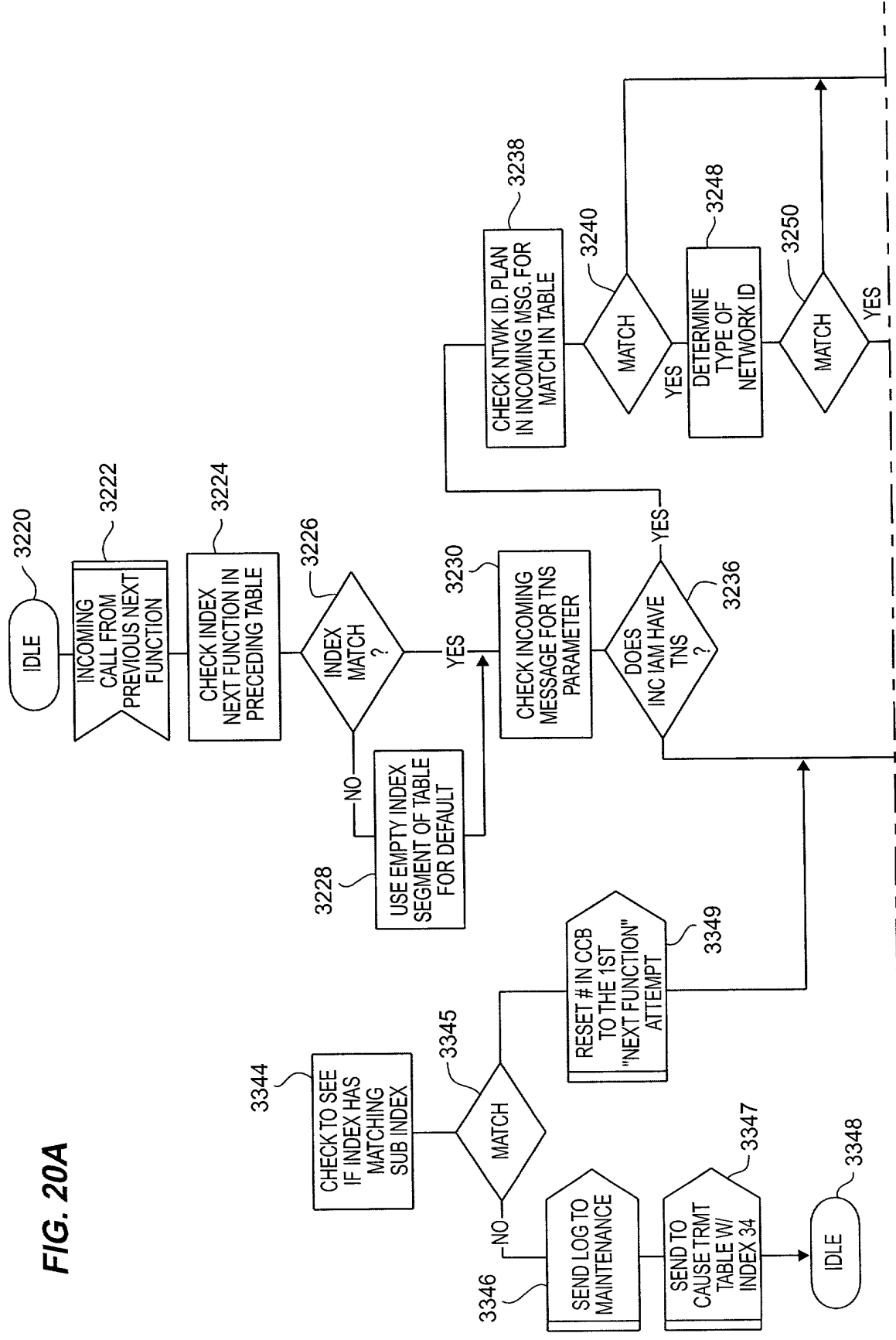


FIG. 20B

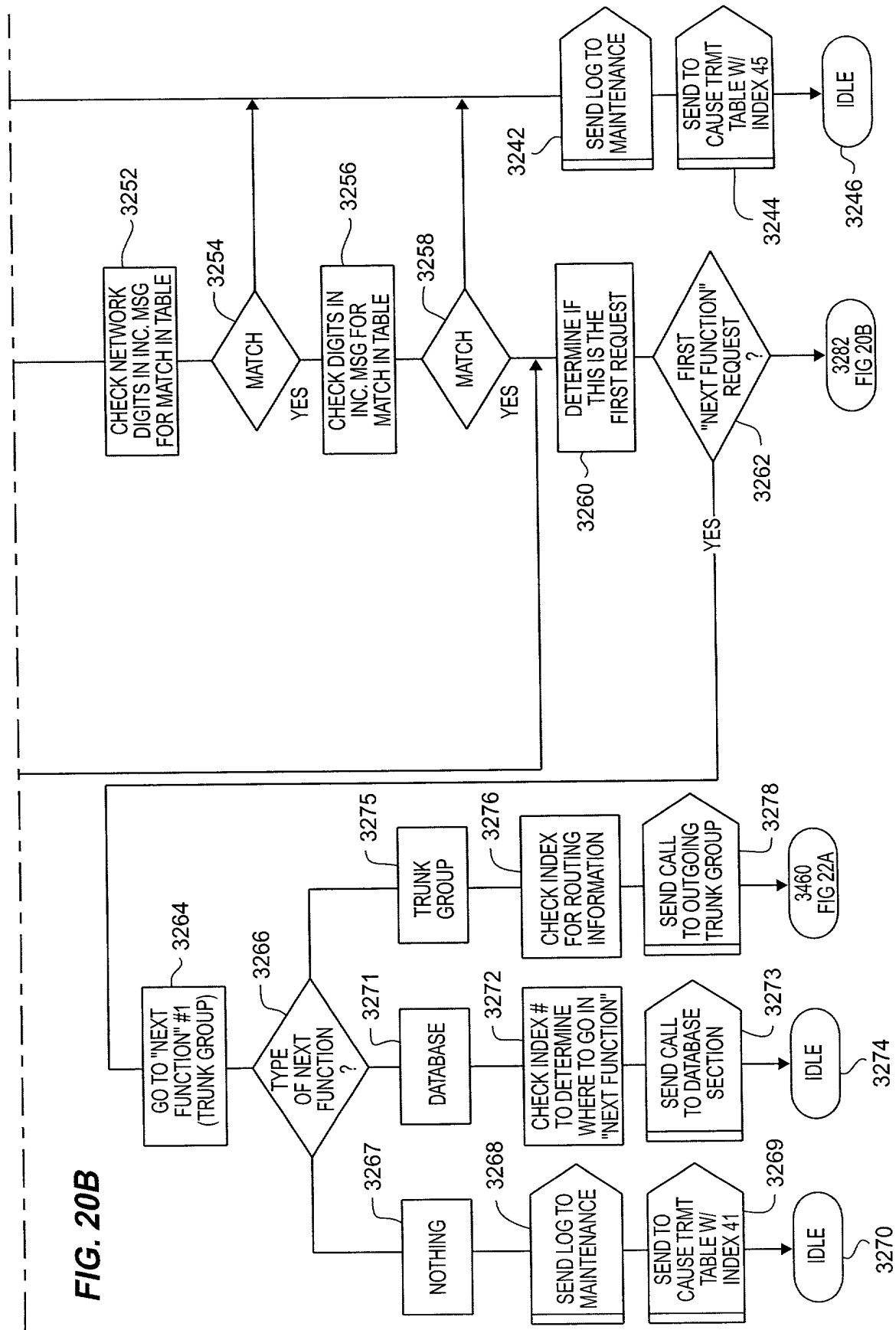


FIG. 20C

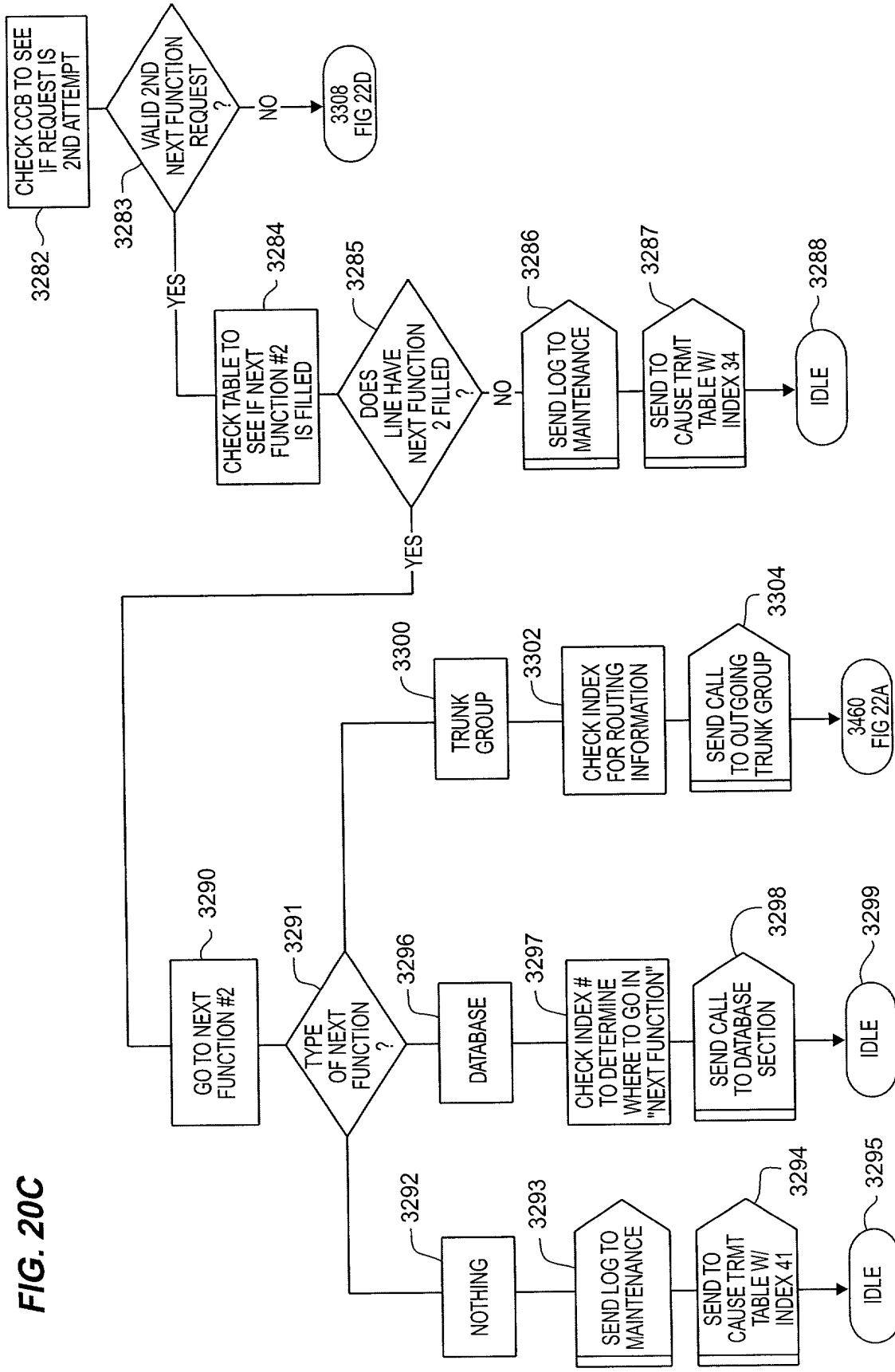


FIG. 20D

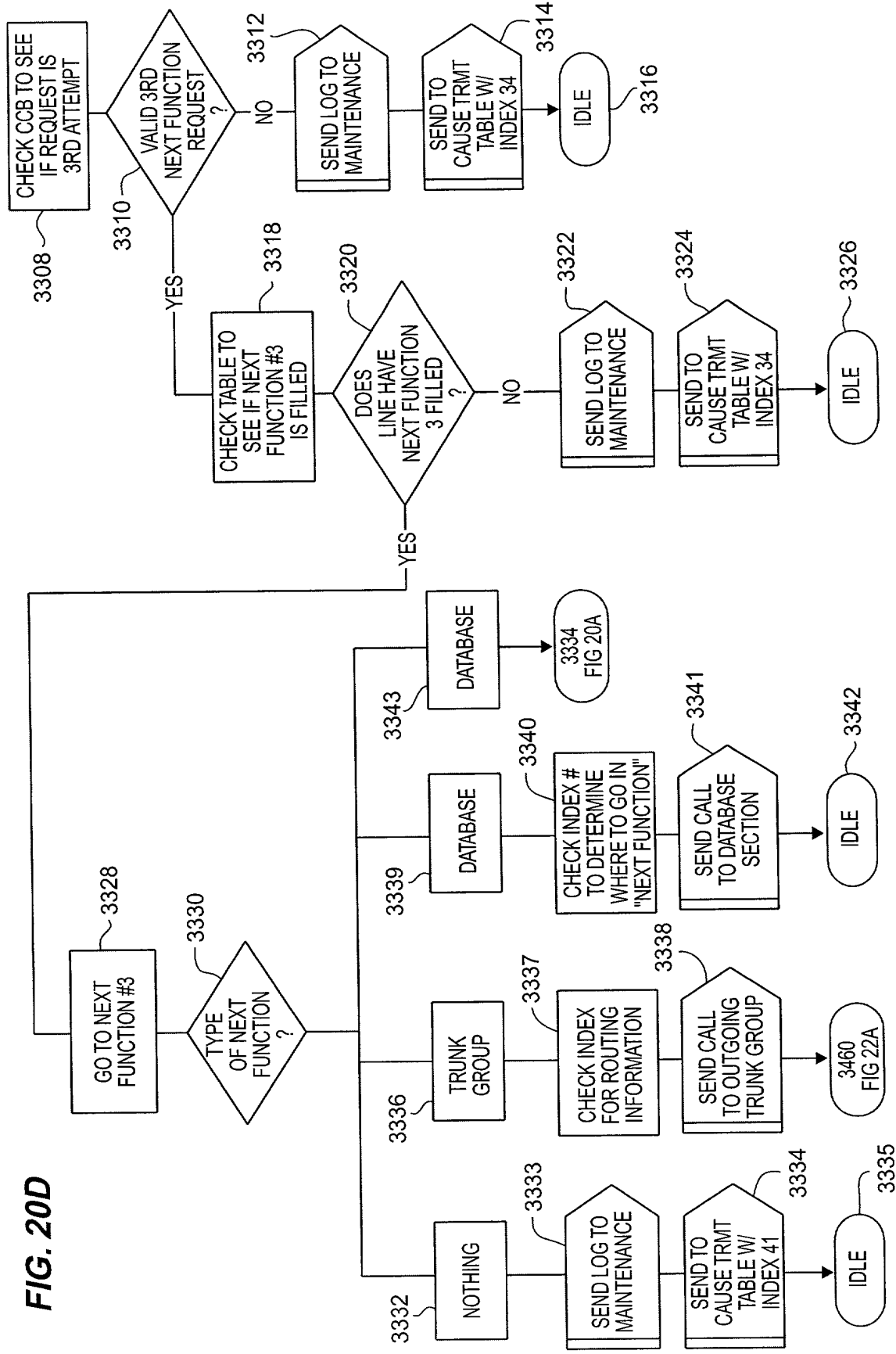
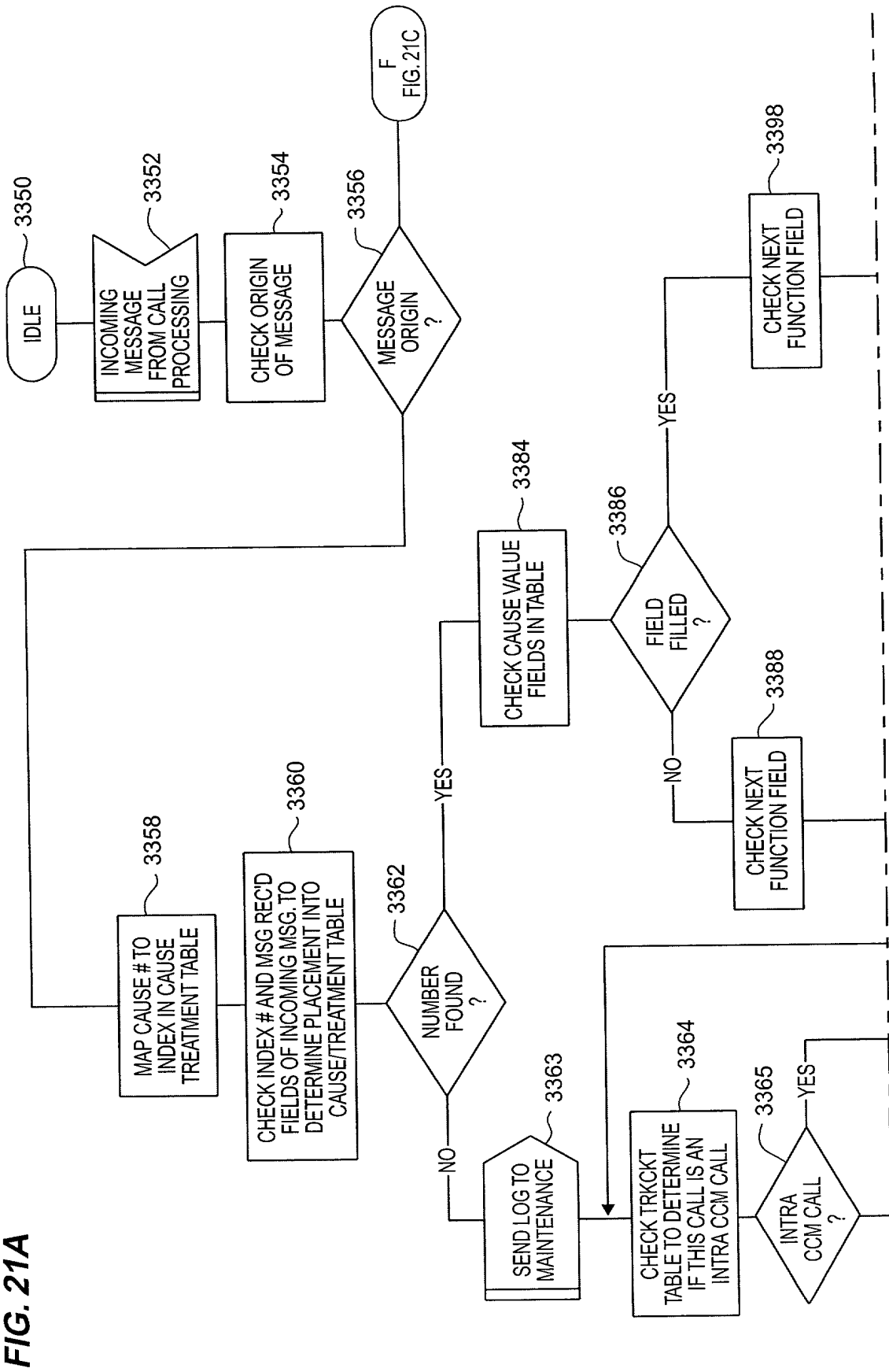


FIG. 21A



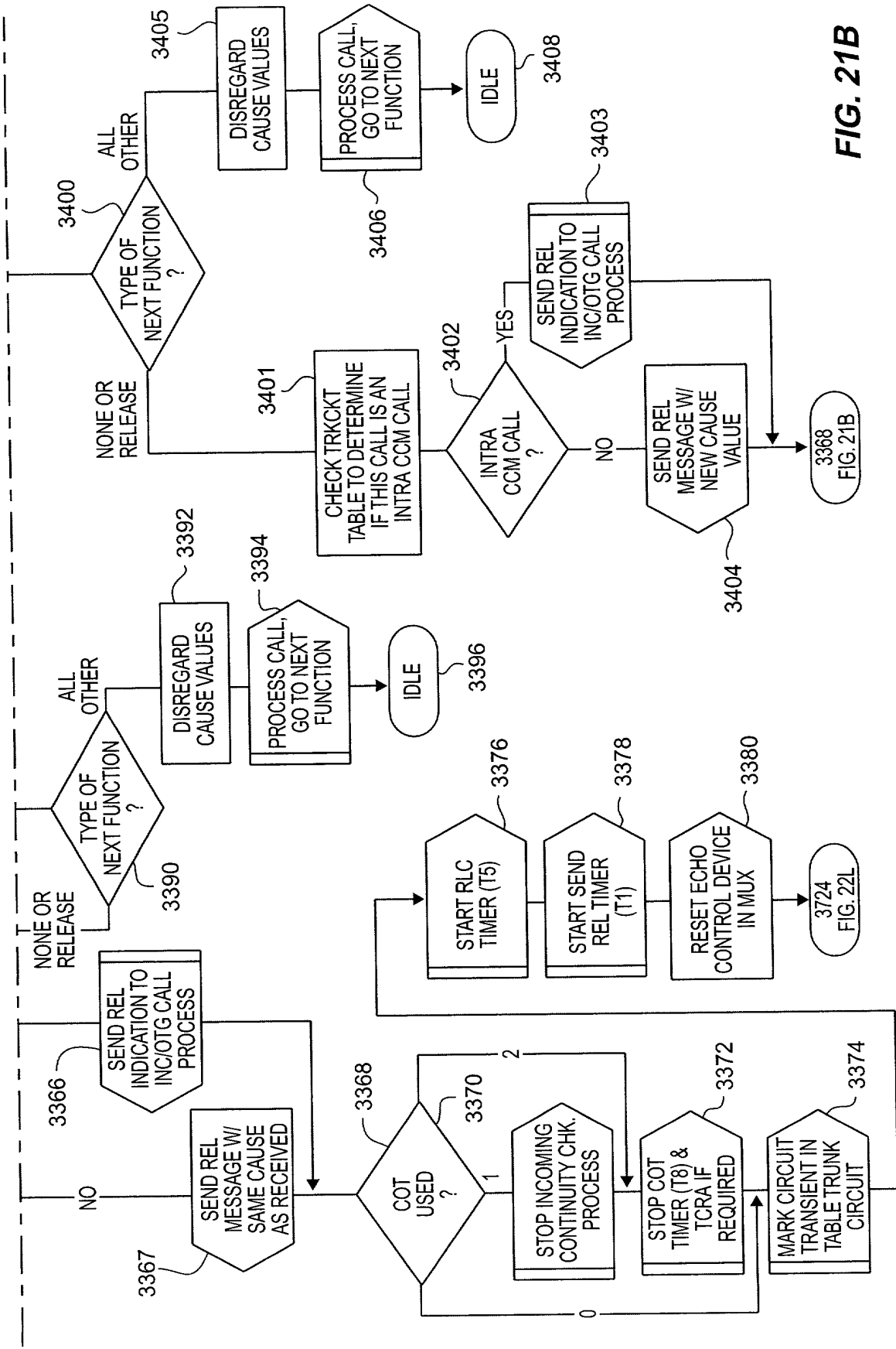
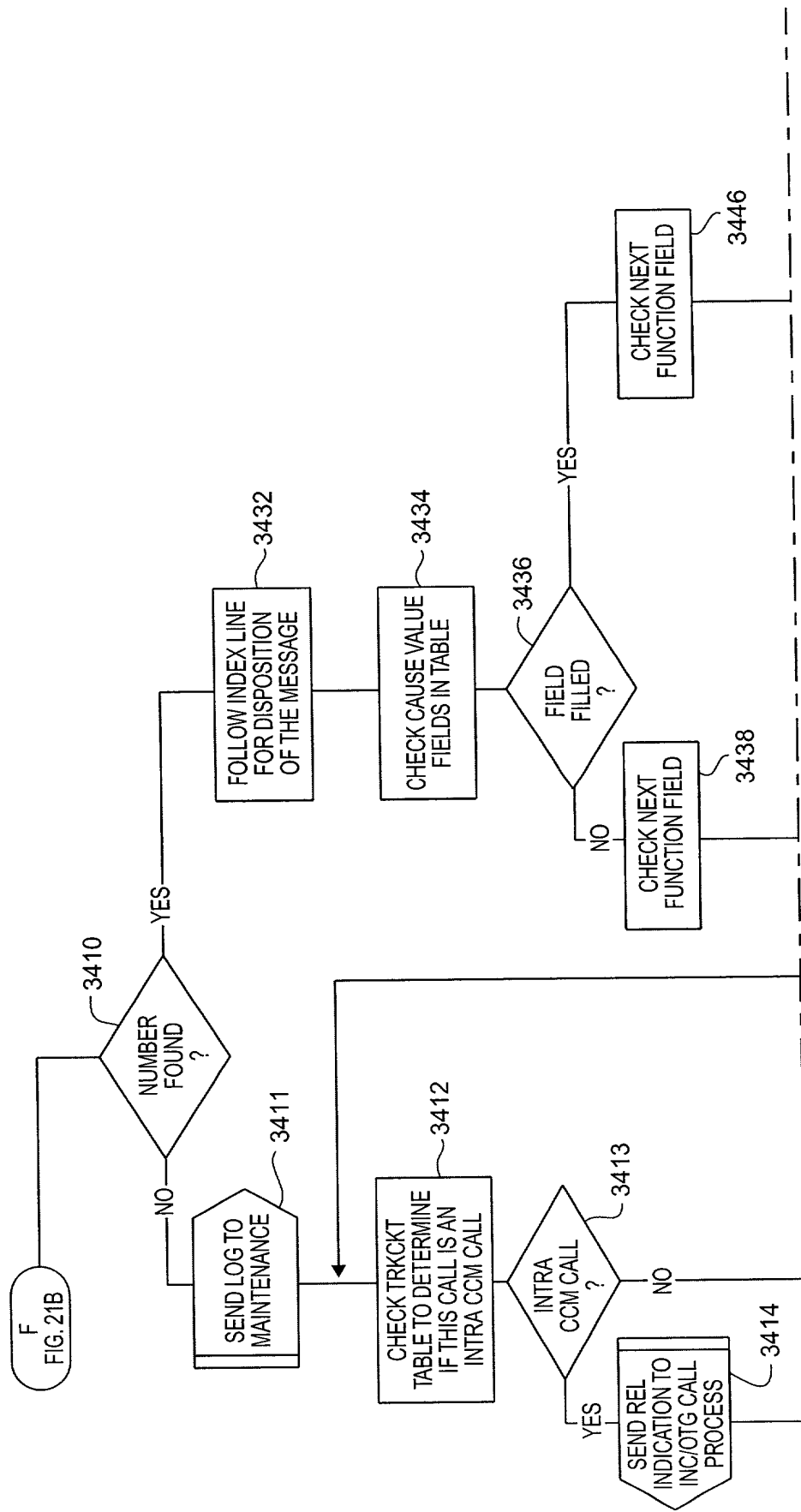


FIG. 21B

FIG. 21C



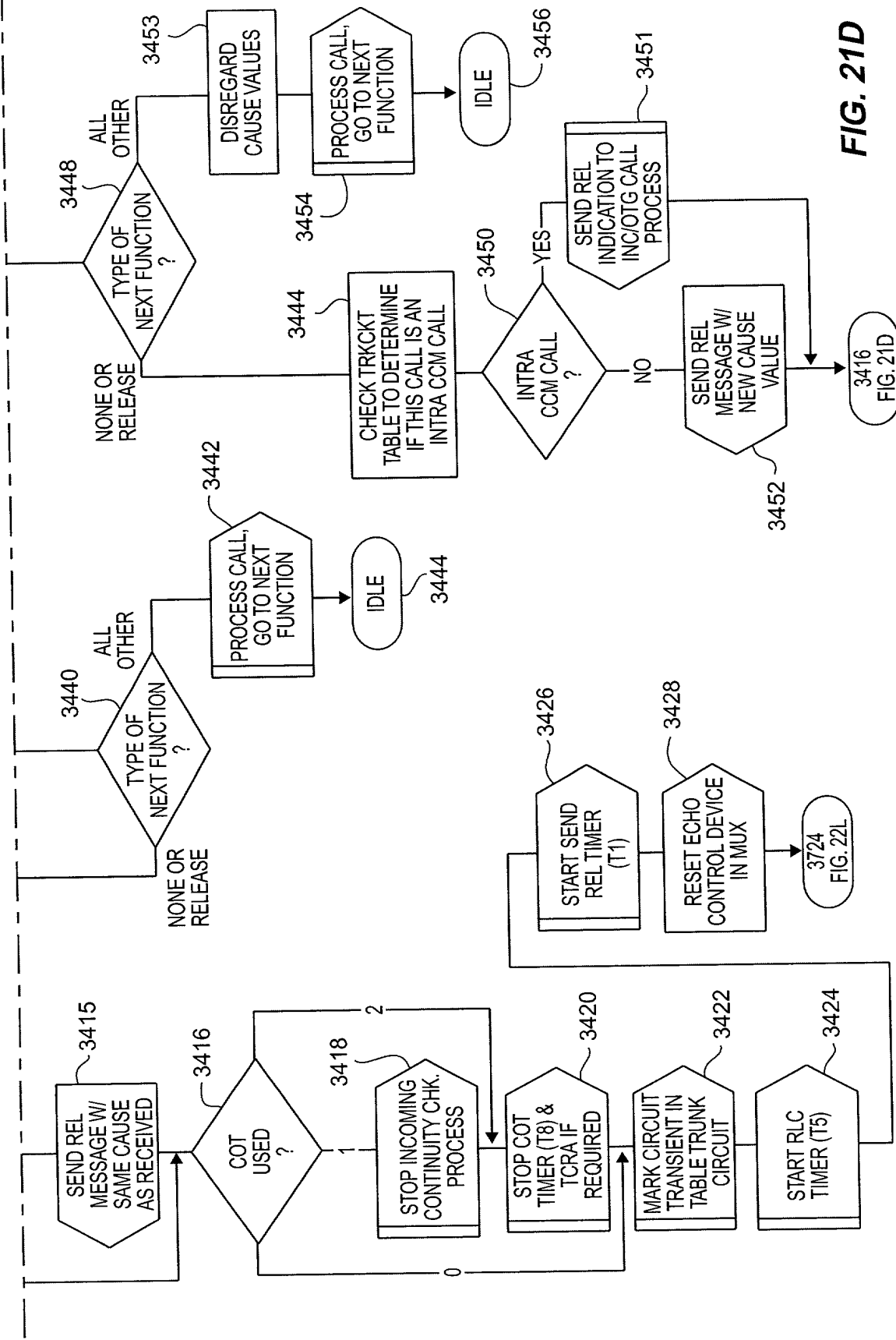
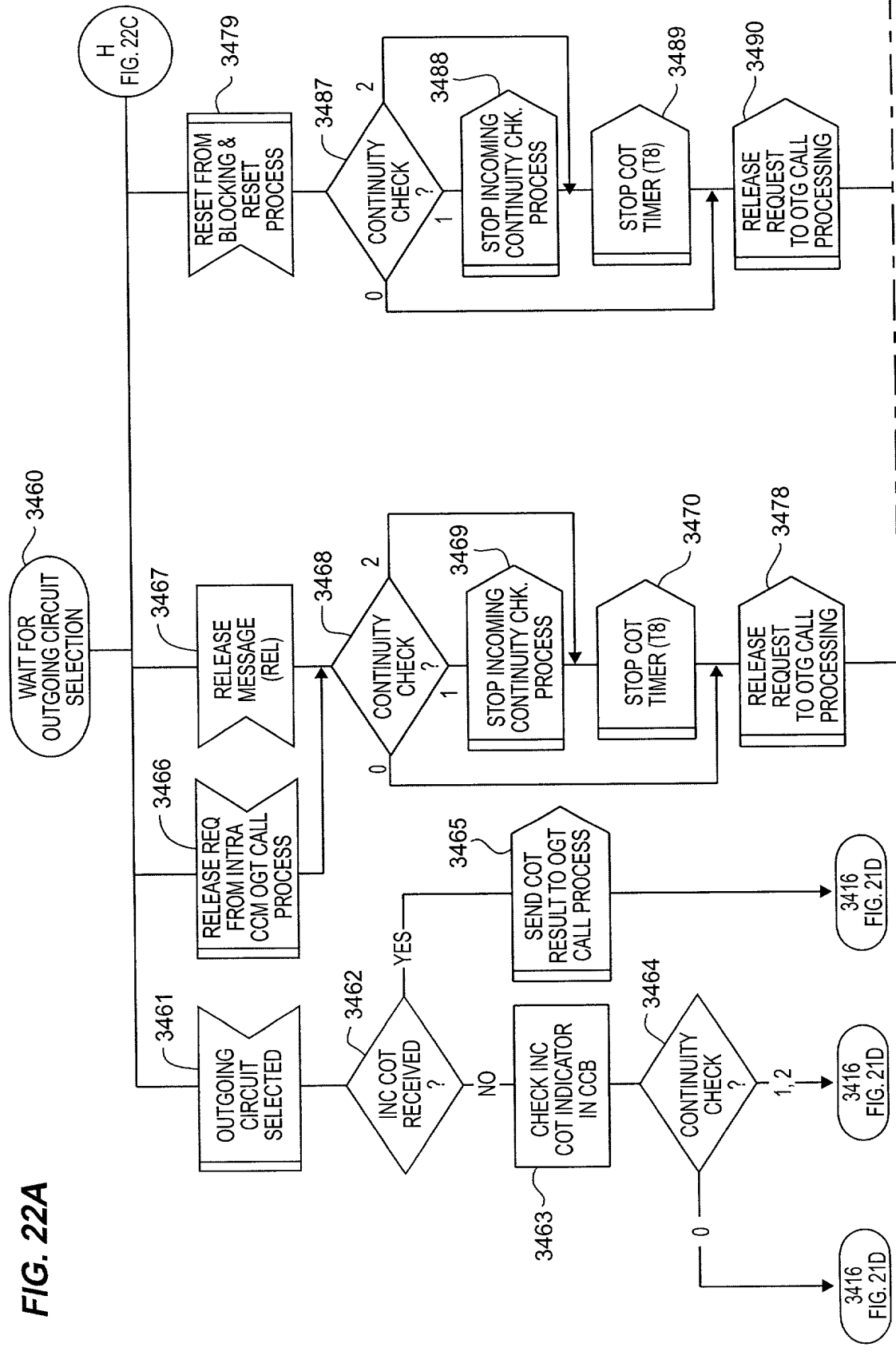


FIG. 21D

FIG. 22A



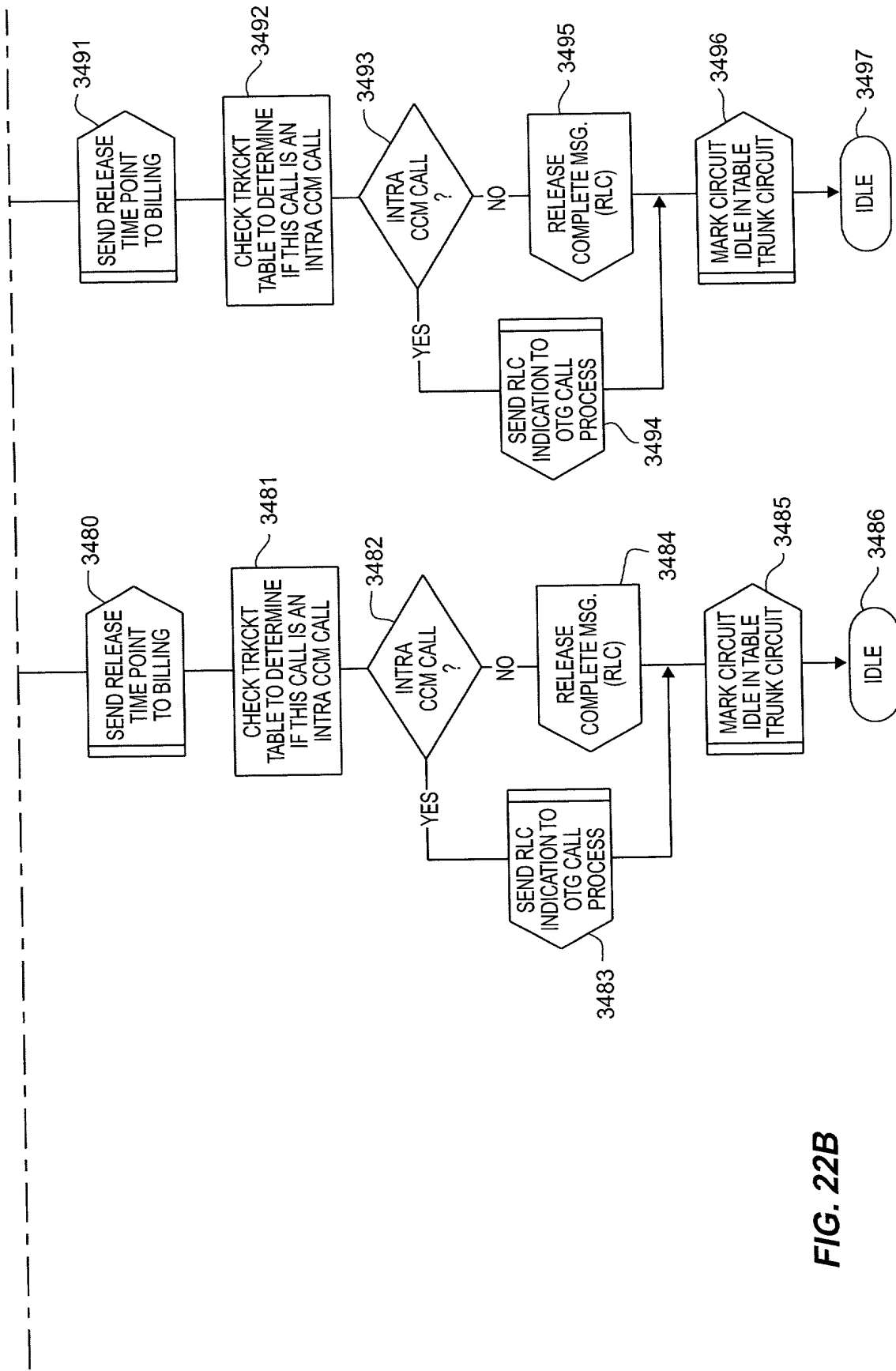
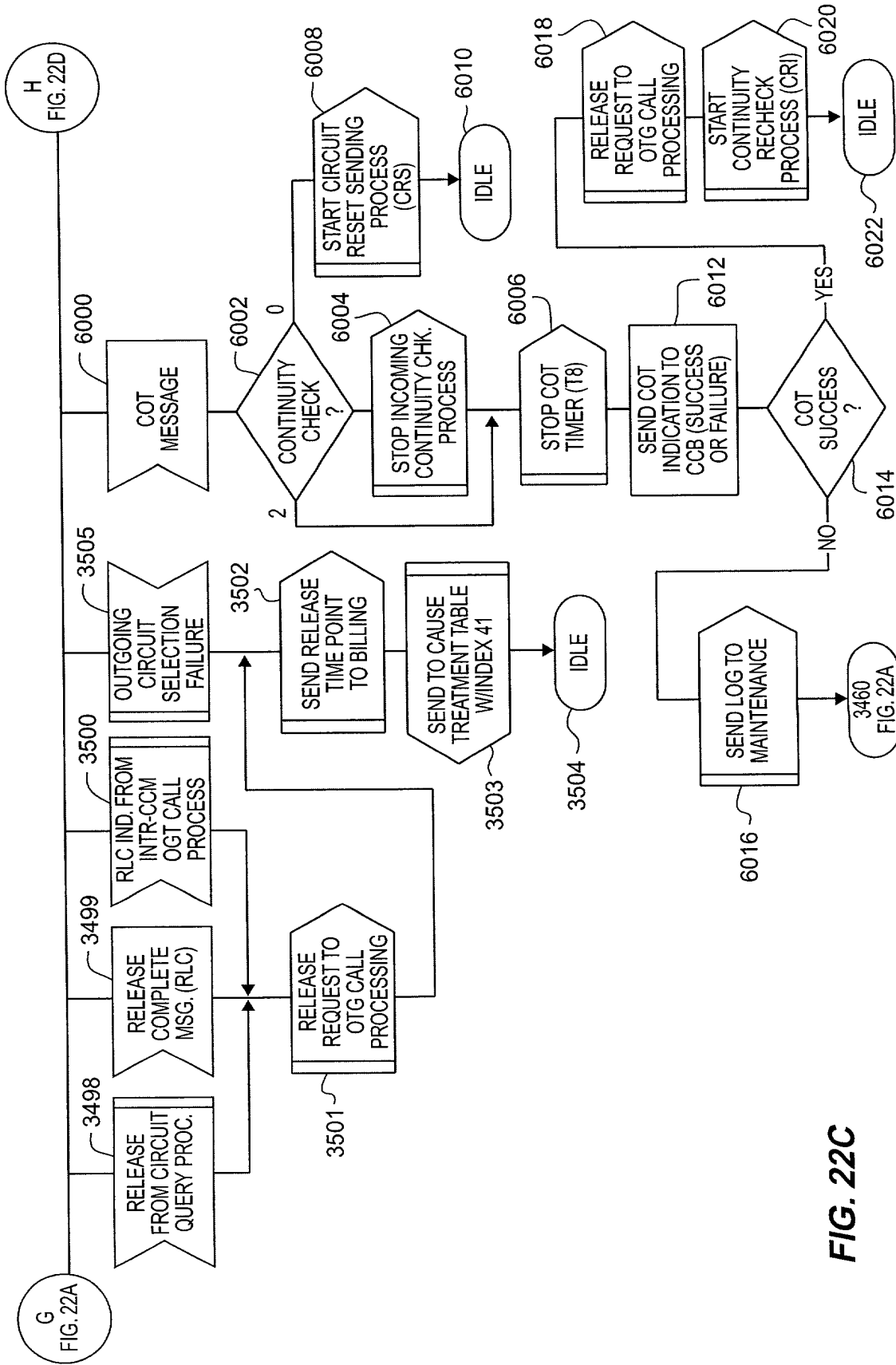


FIG. 22B



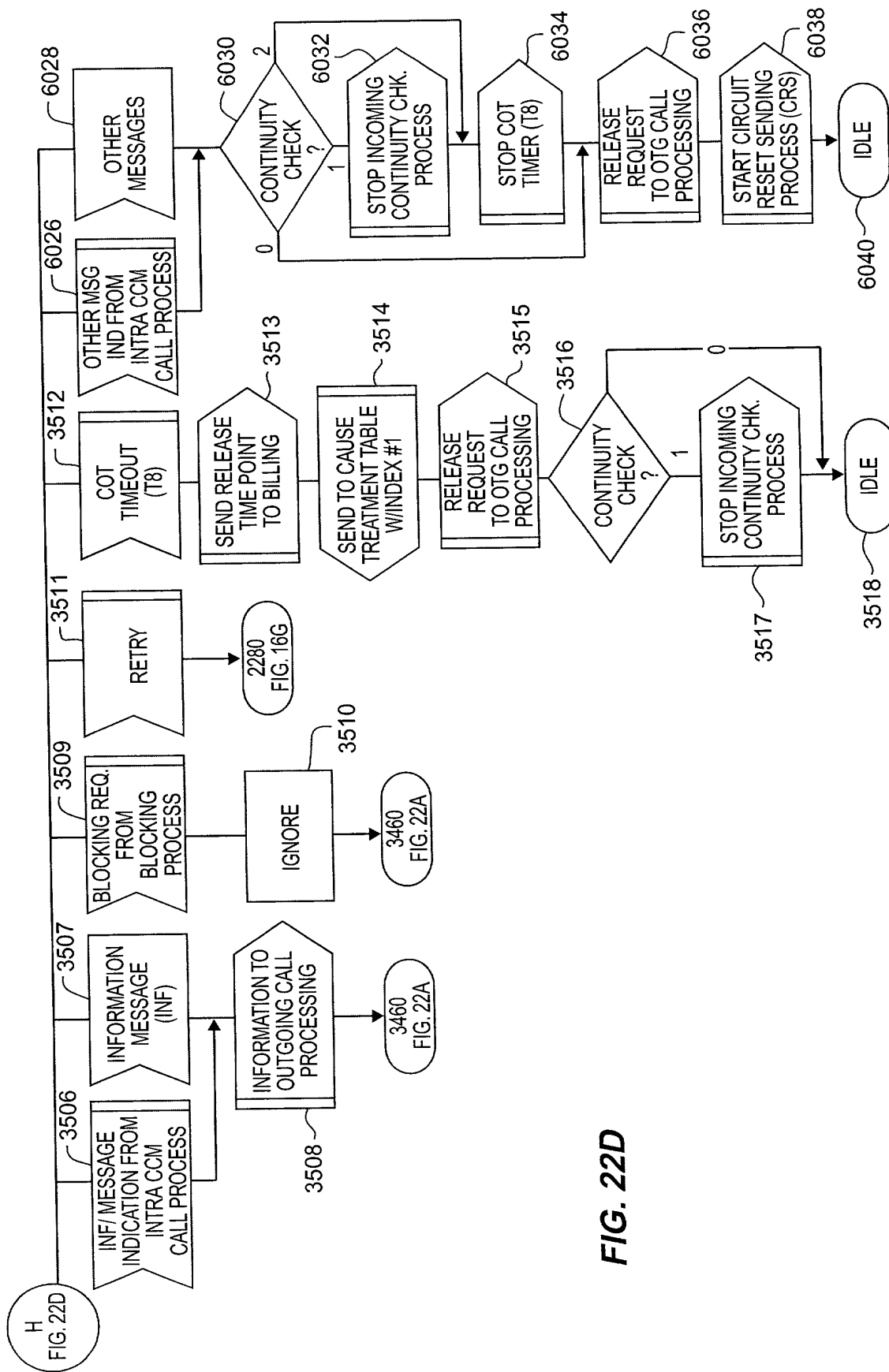
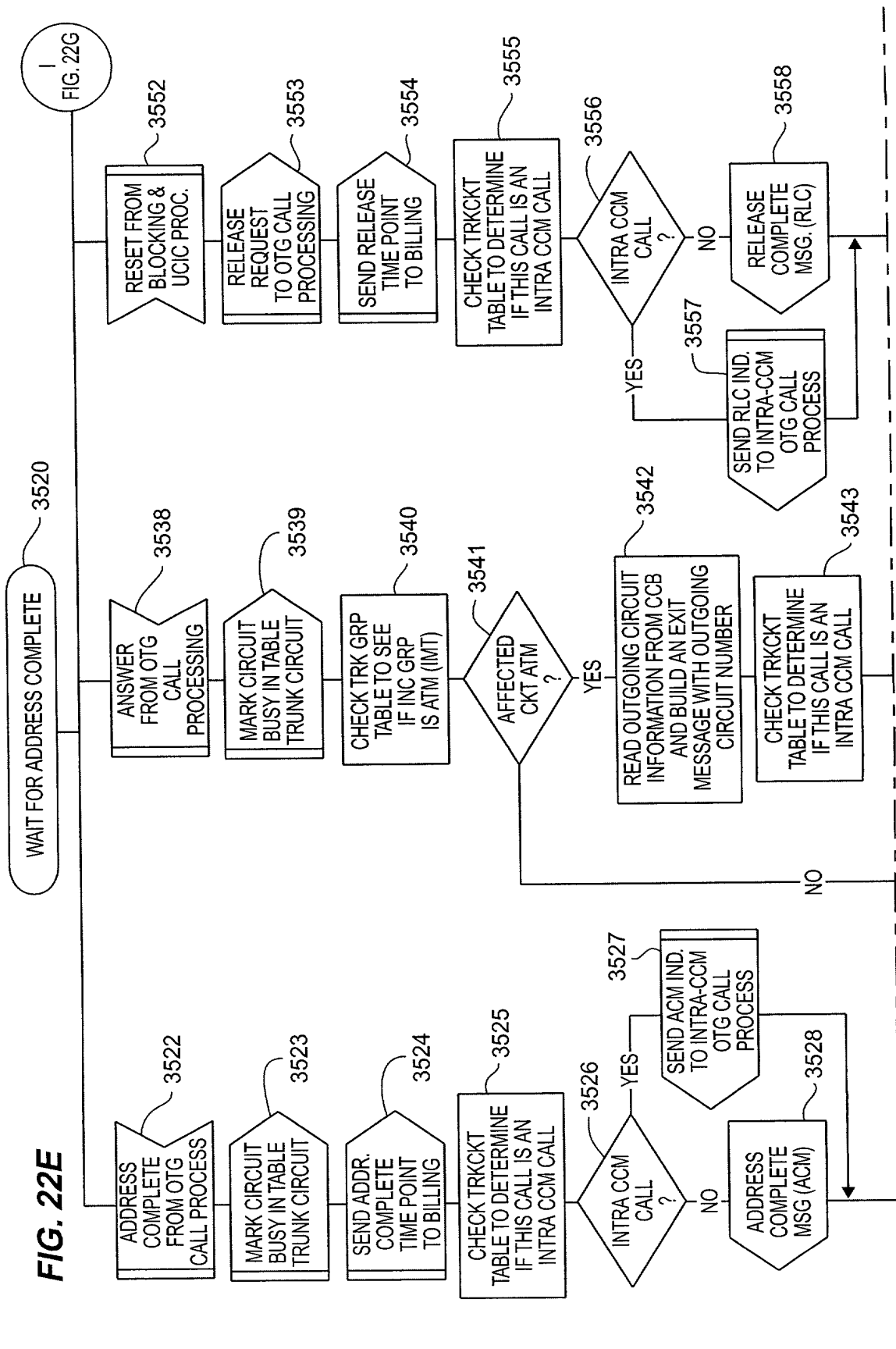


FIG. 22E



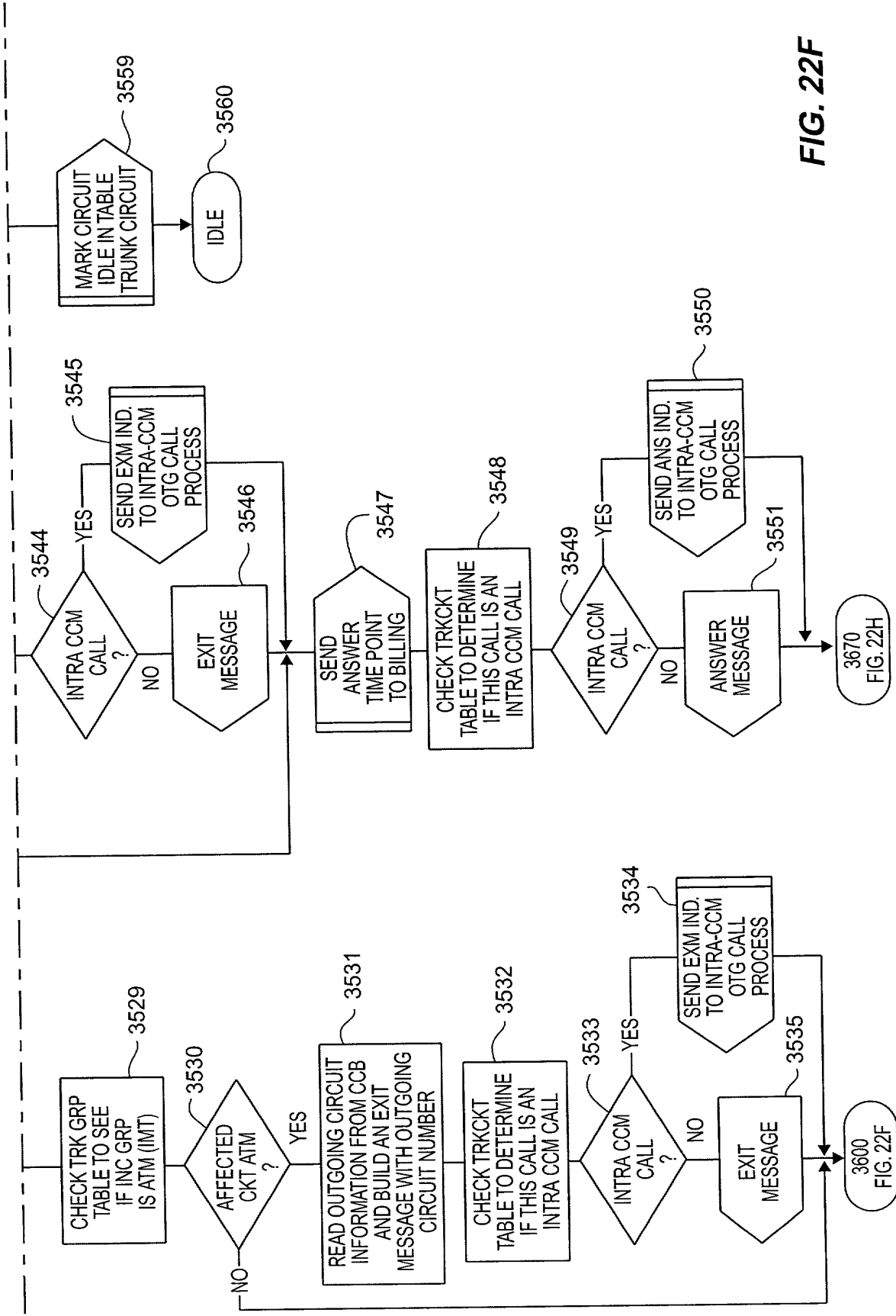


FIG. 22F

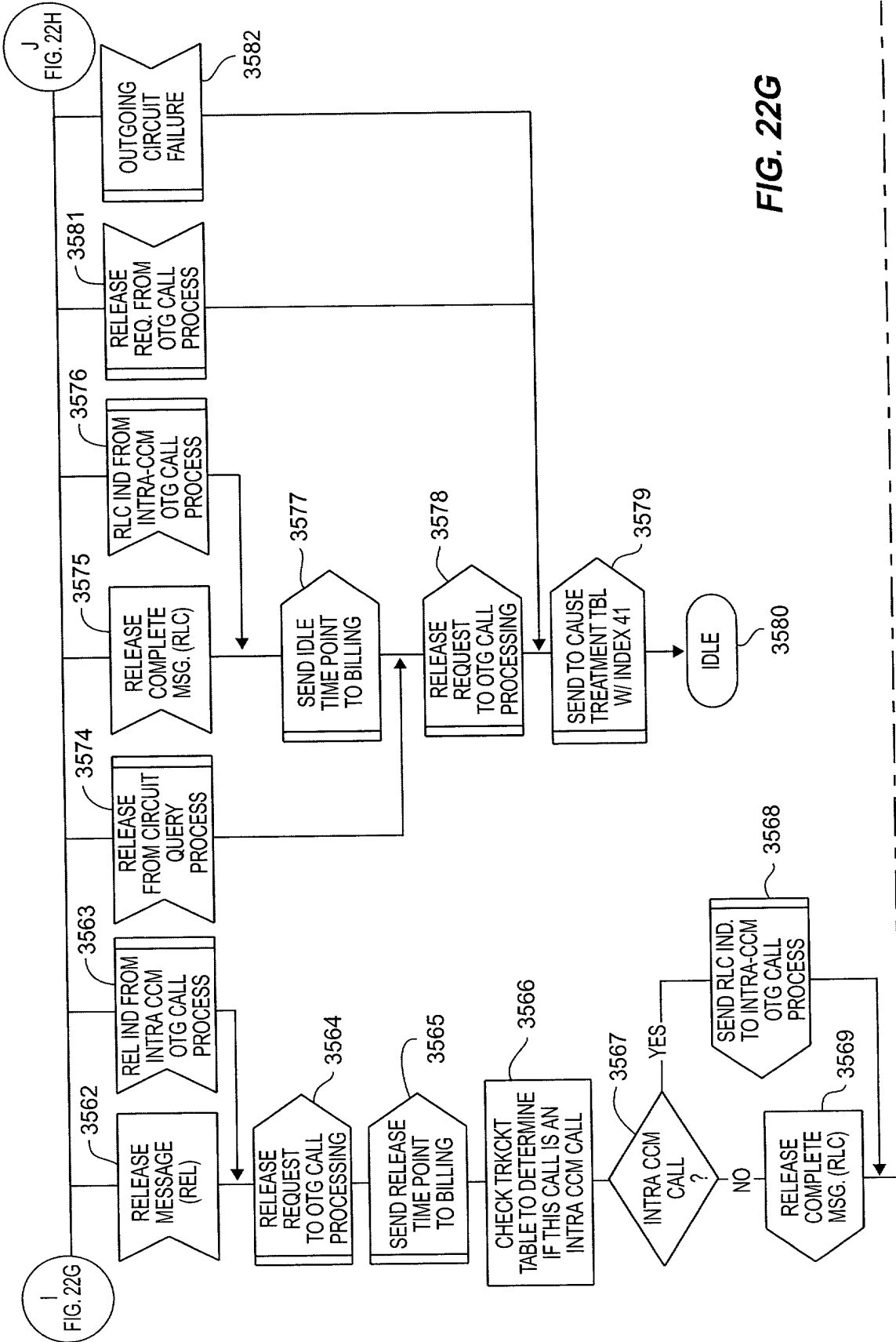


FIG. 22G

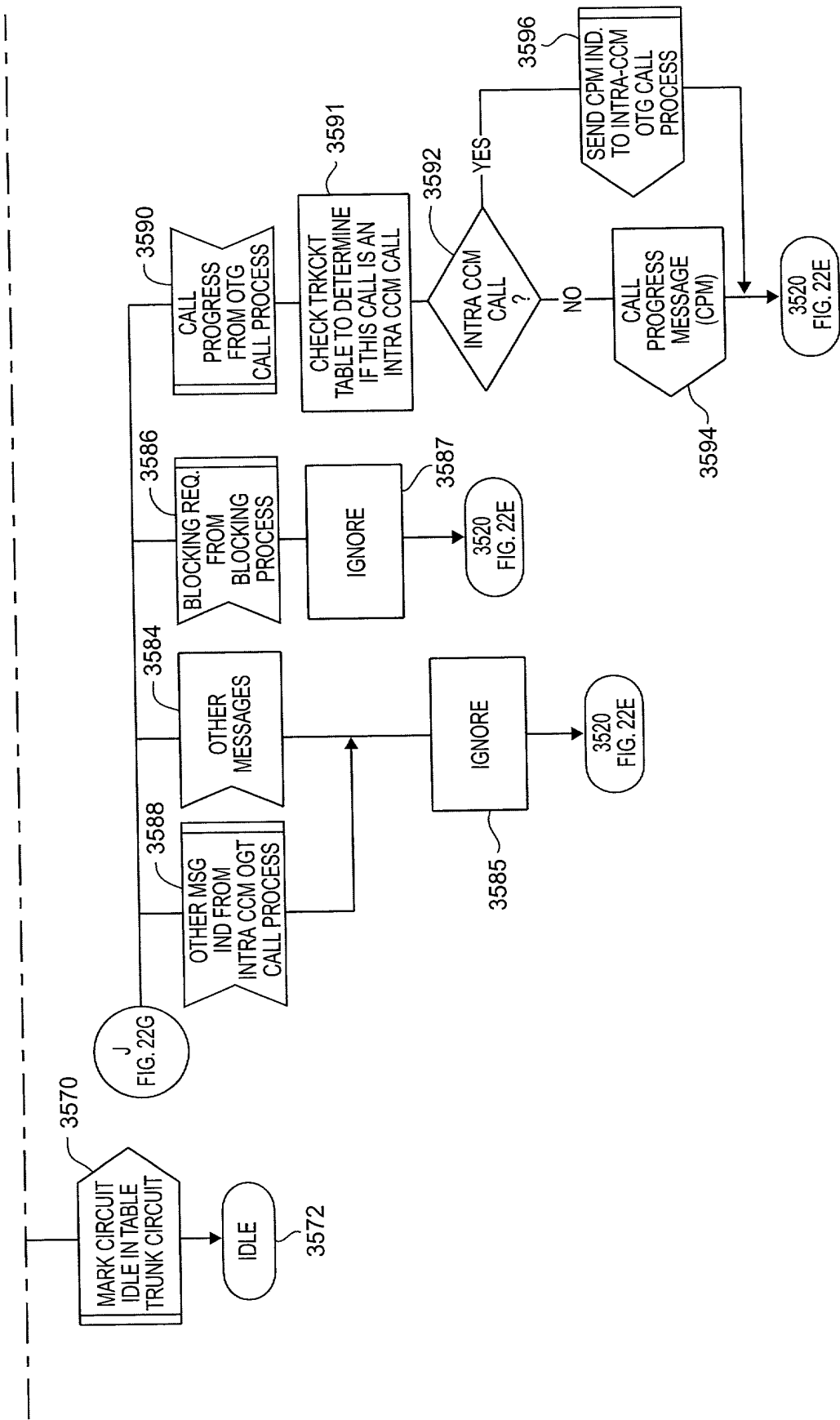
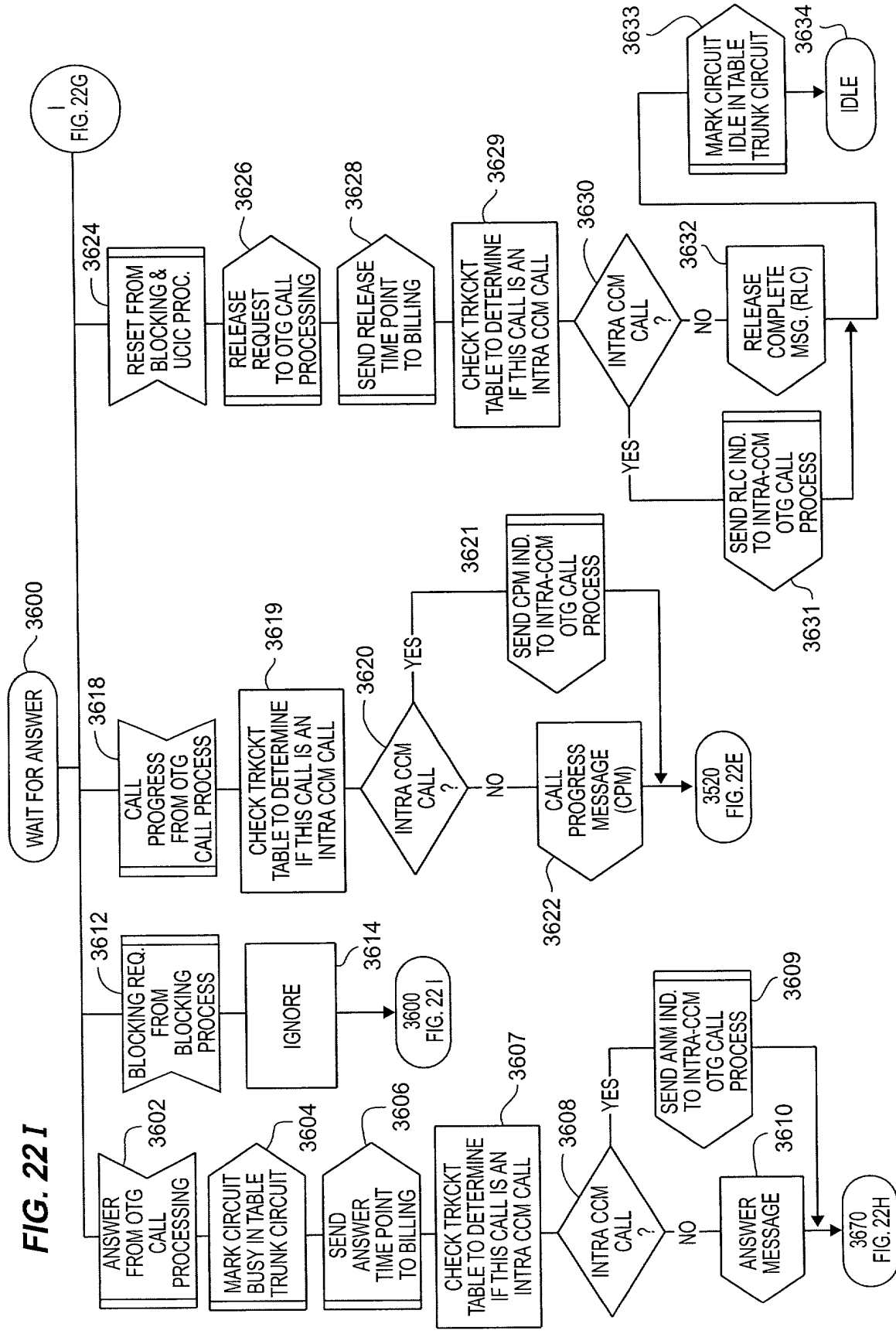


FIG. 22H

FIG. 22I



K
FIG. 22I

L
FIG. 22K

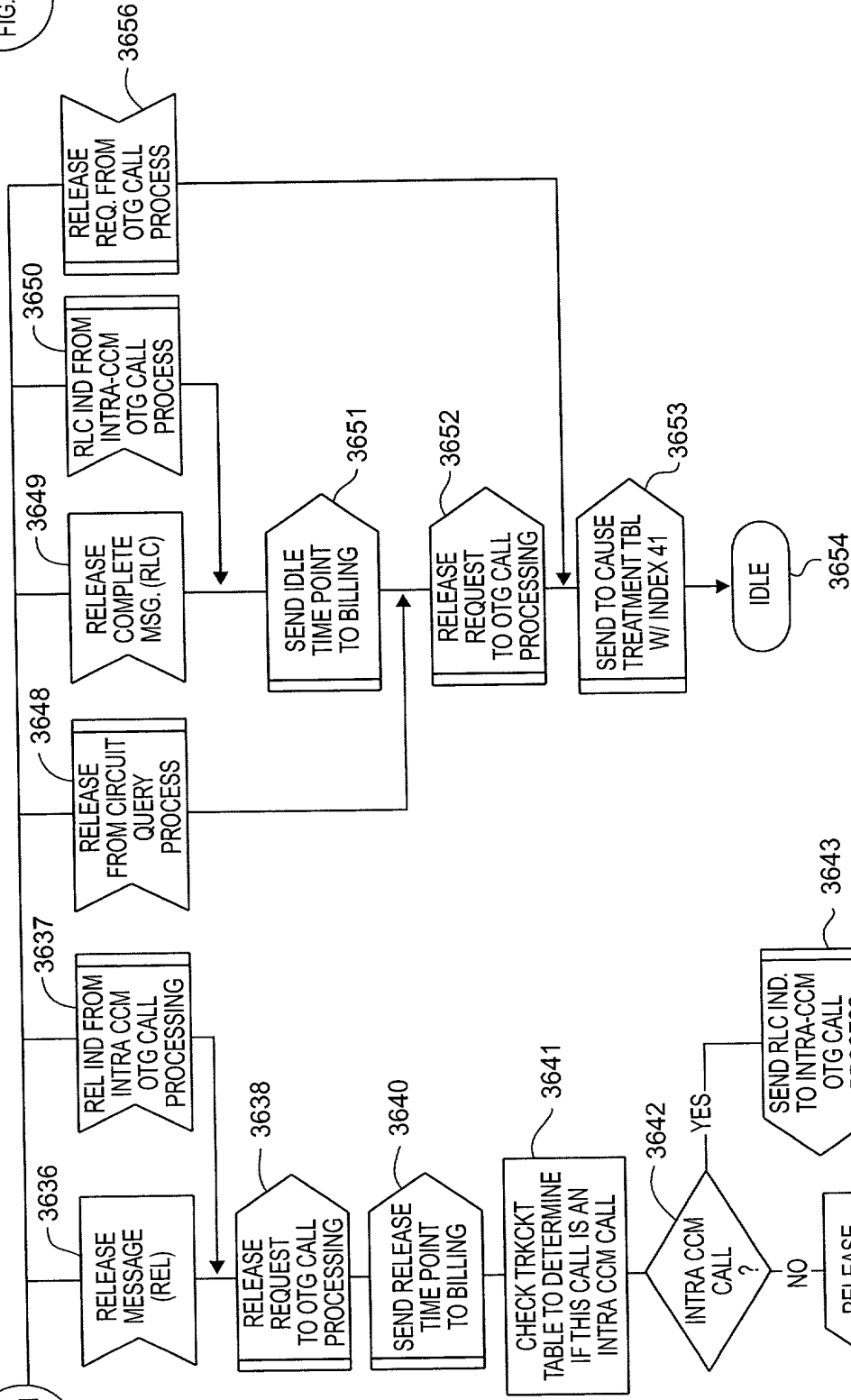


FIG. 22J

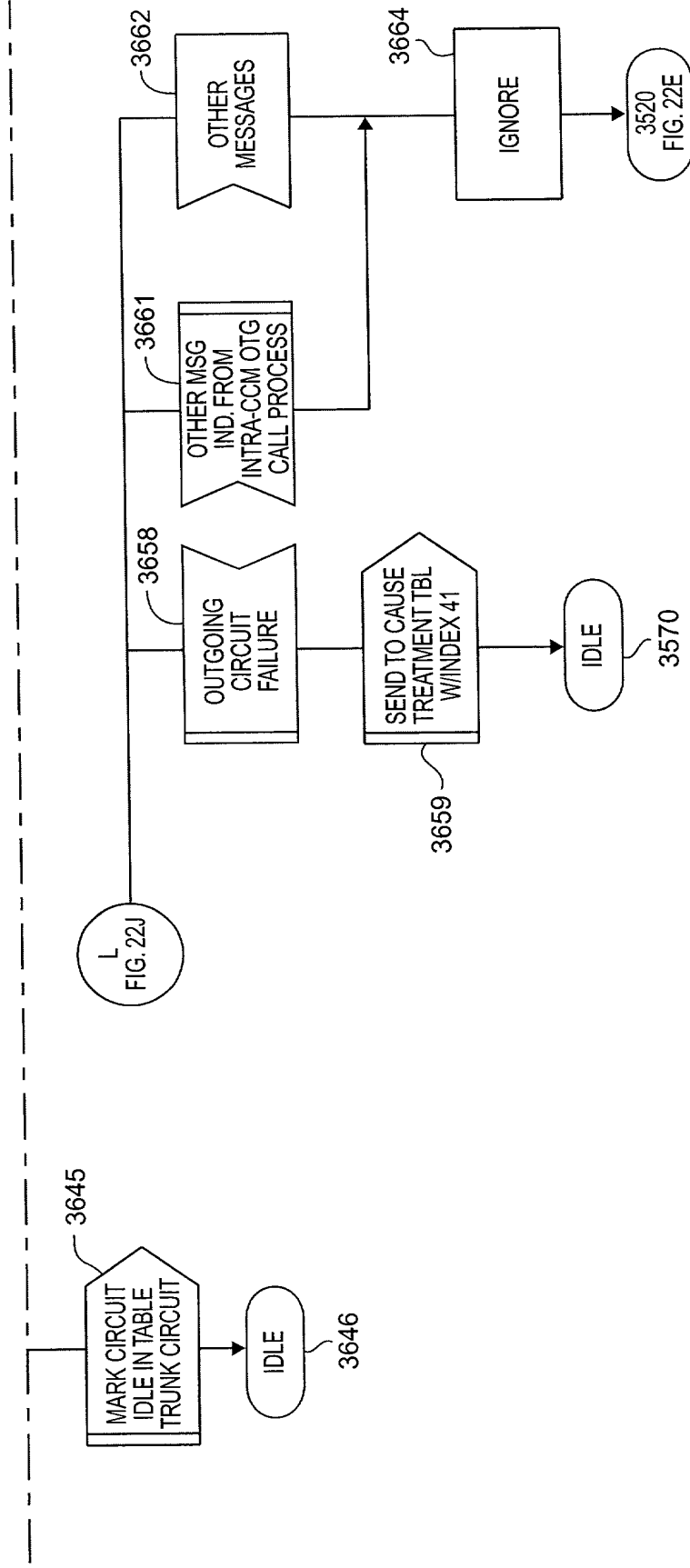
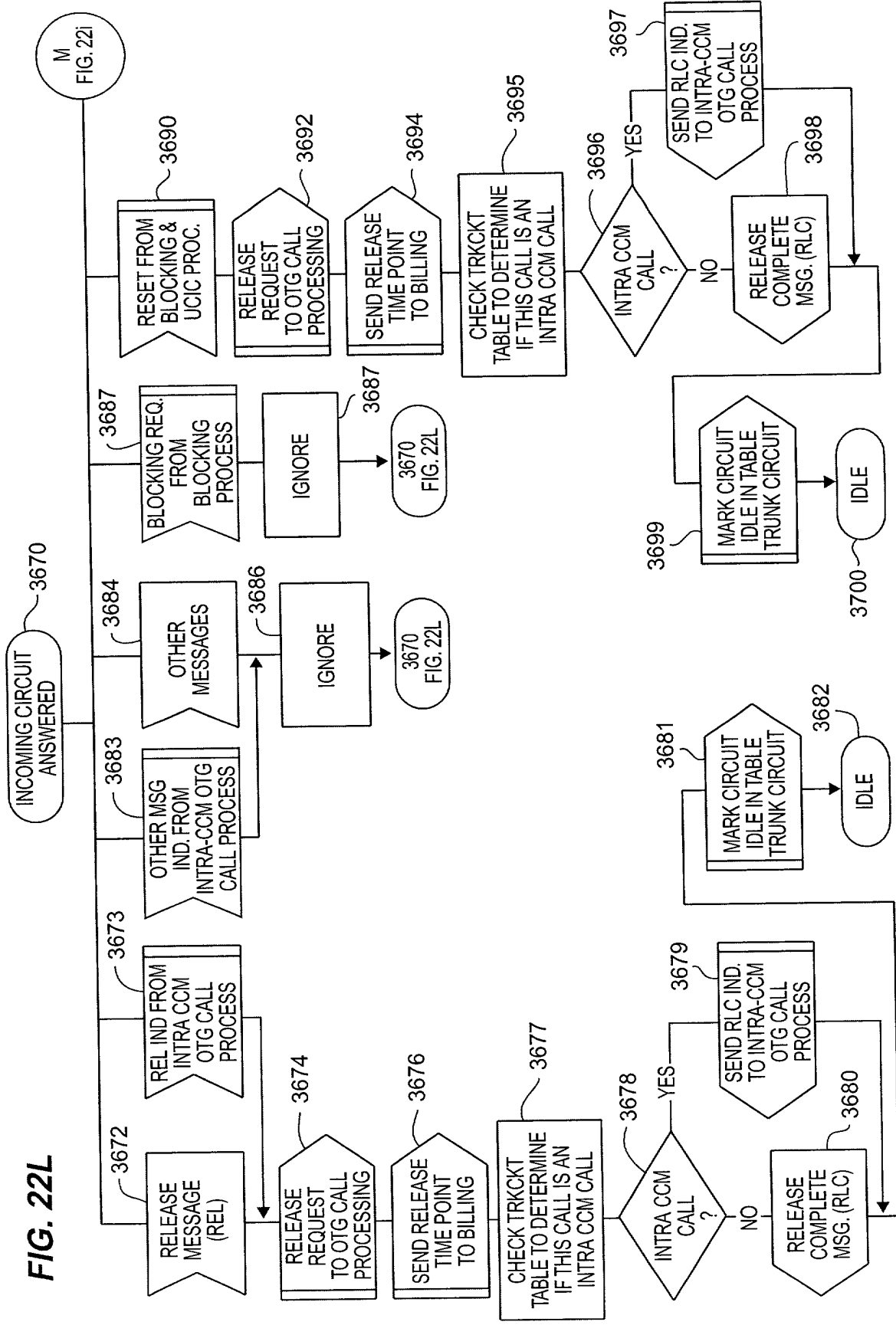


FIG. 22K

FIG. 22L



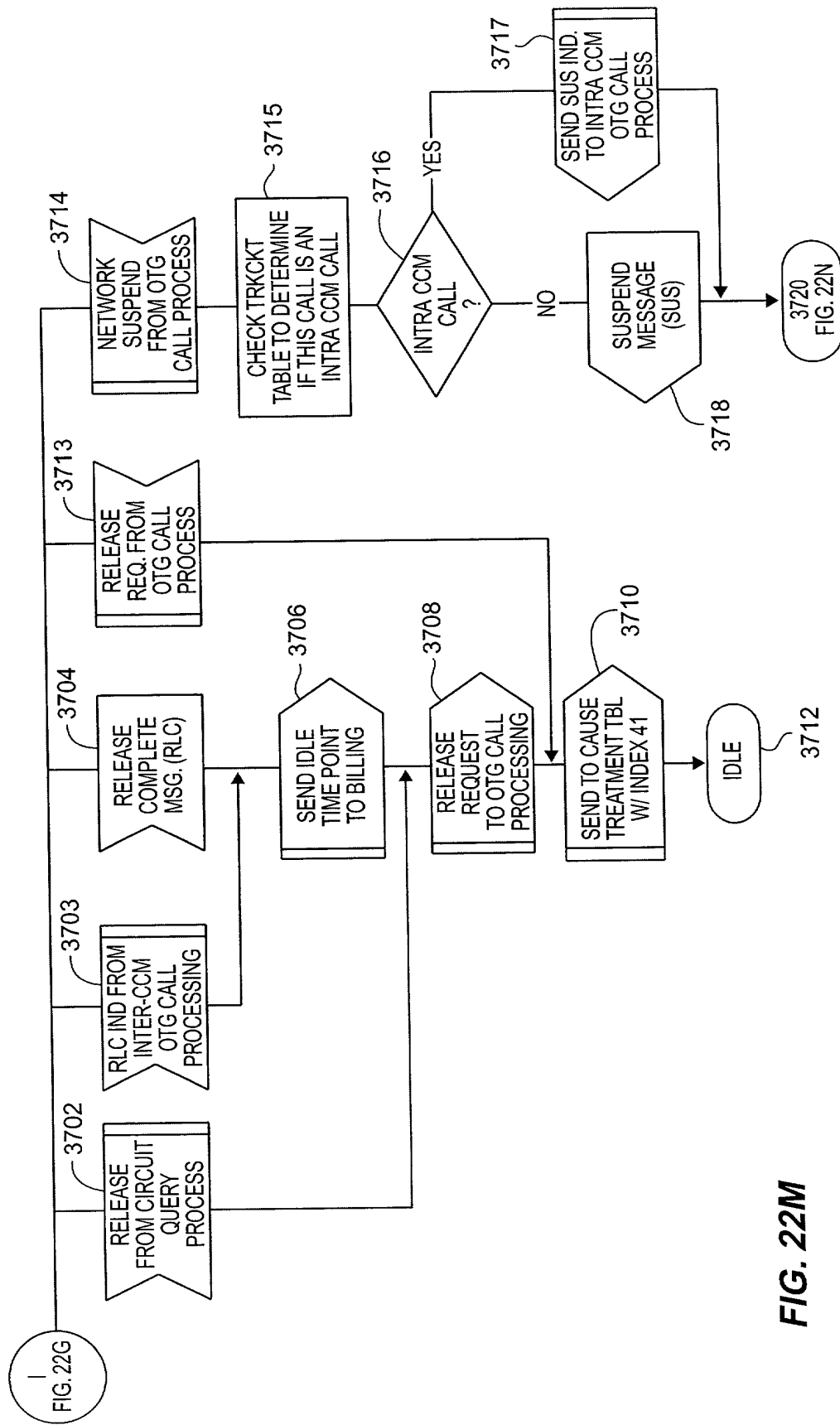
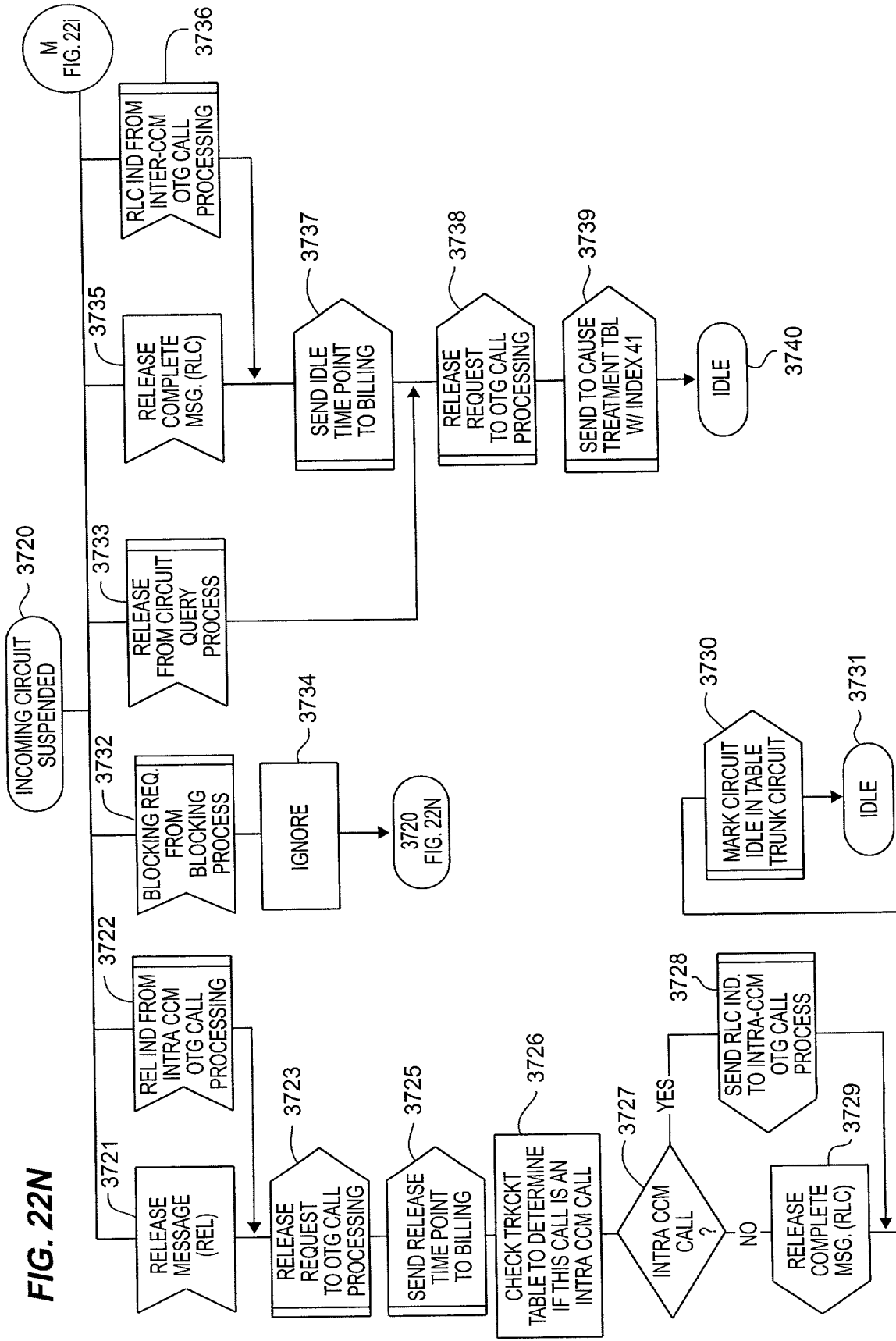


FIG. 22M

FIG. 22N



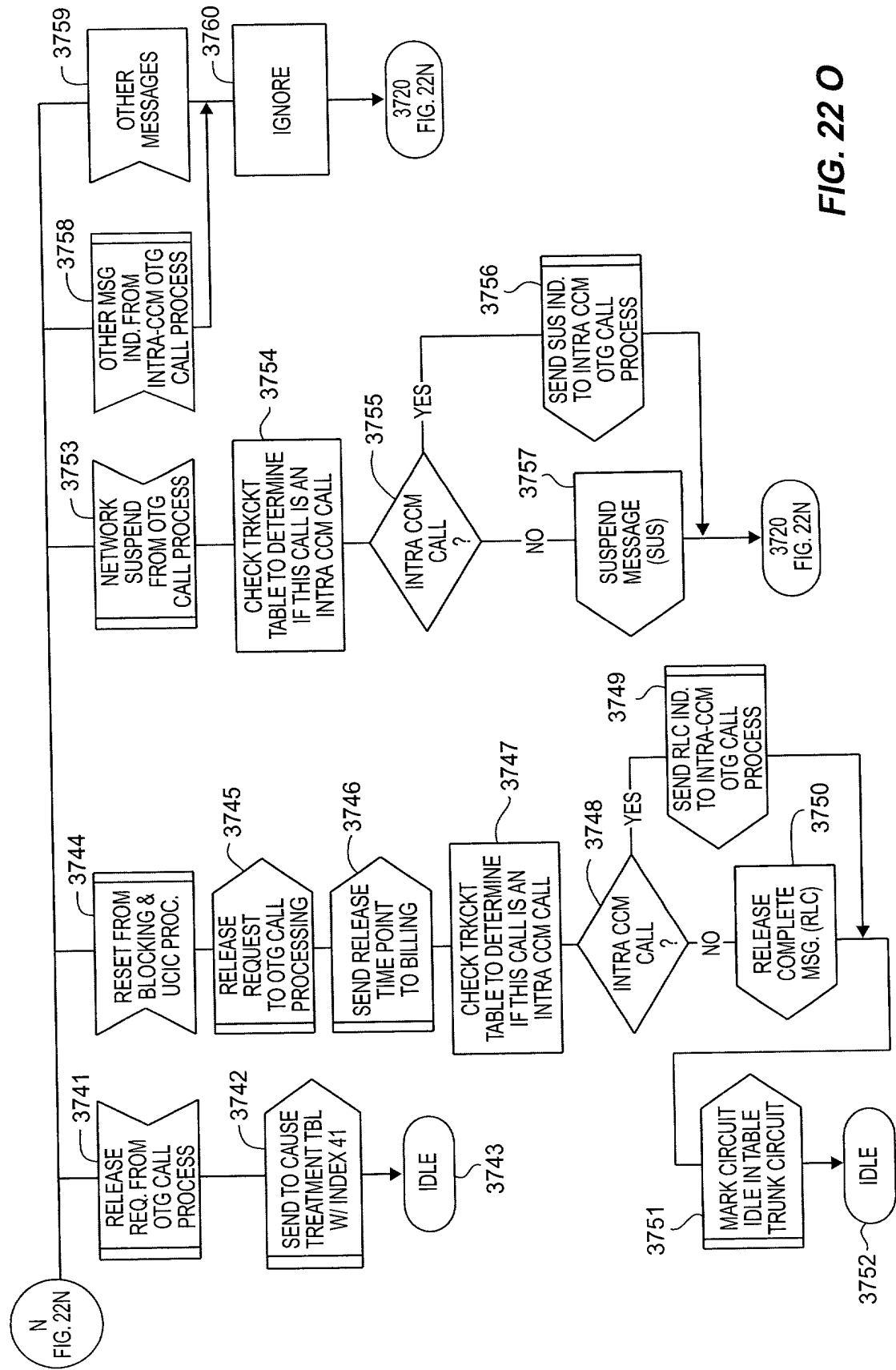
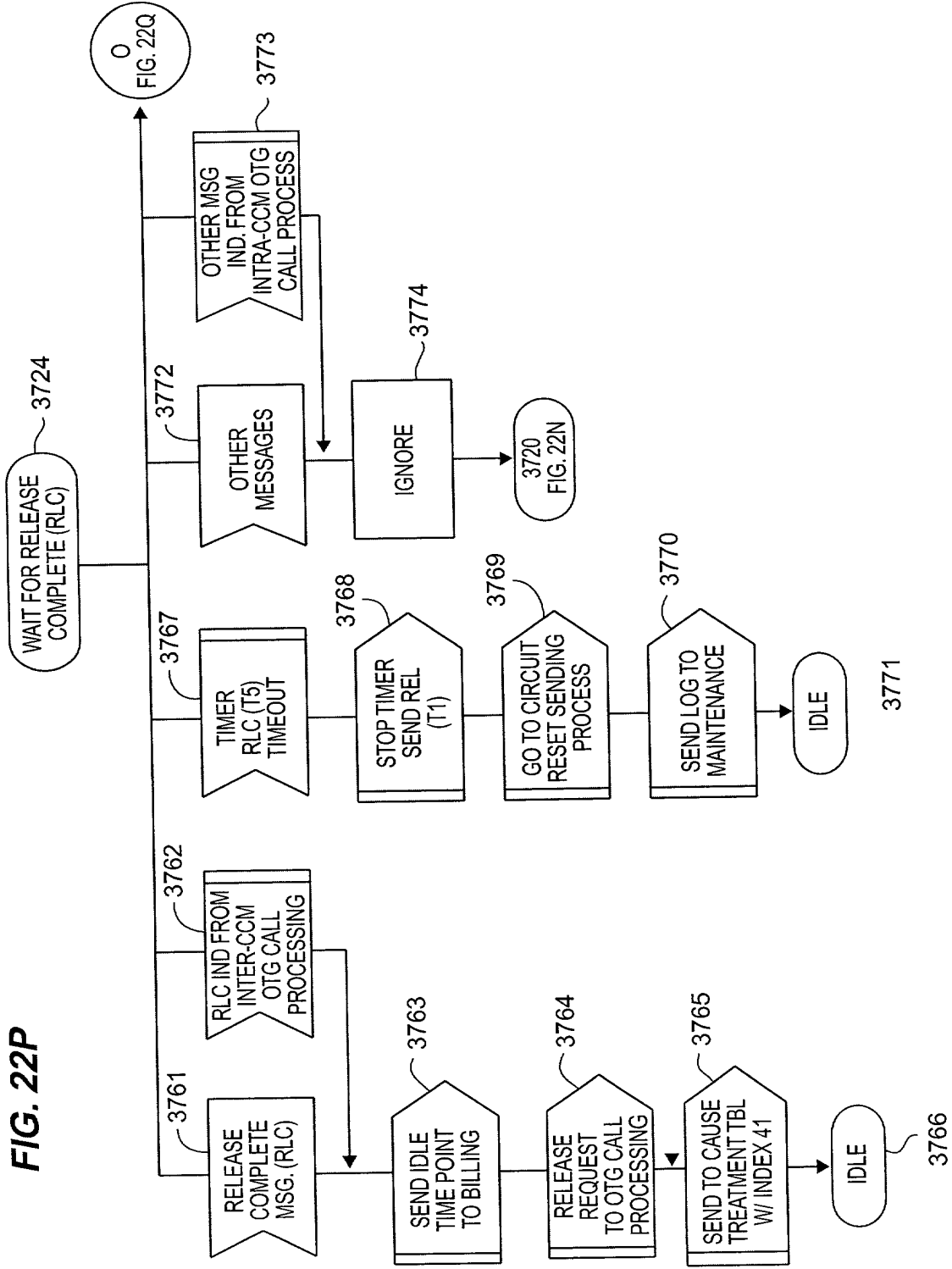


FIG. 22 O

FIG. 22P



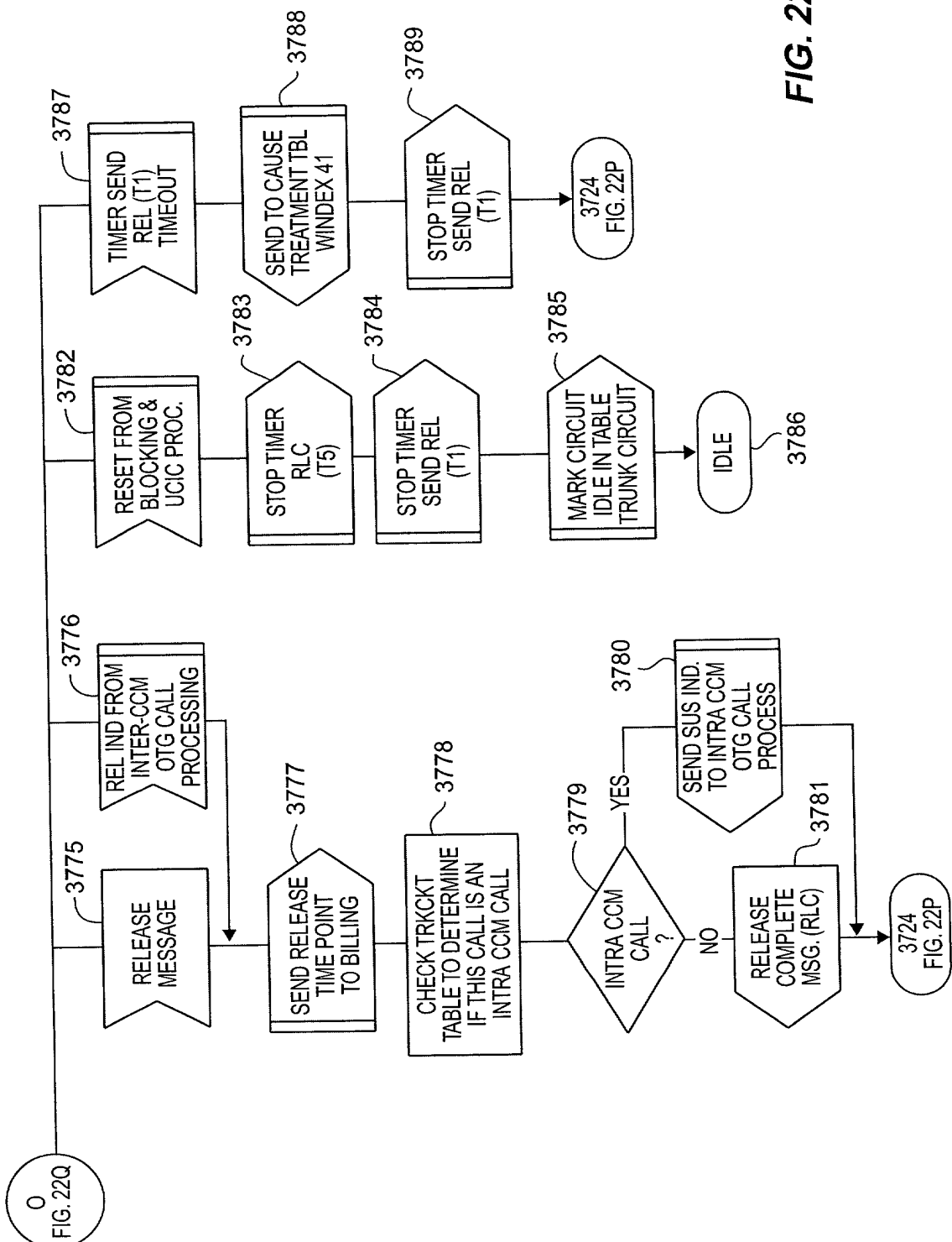
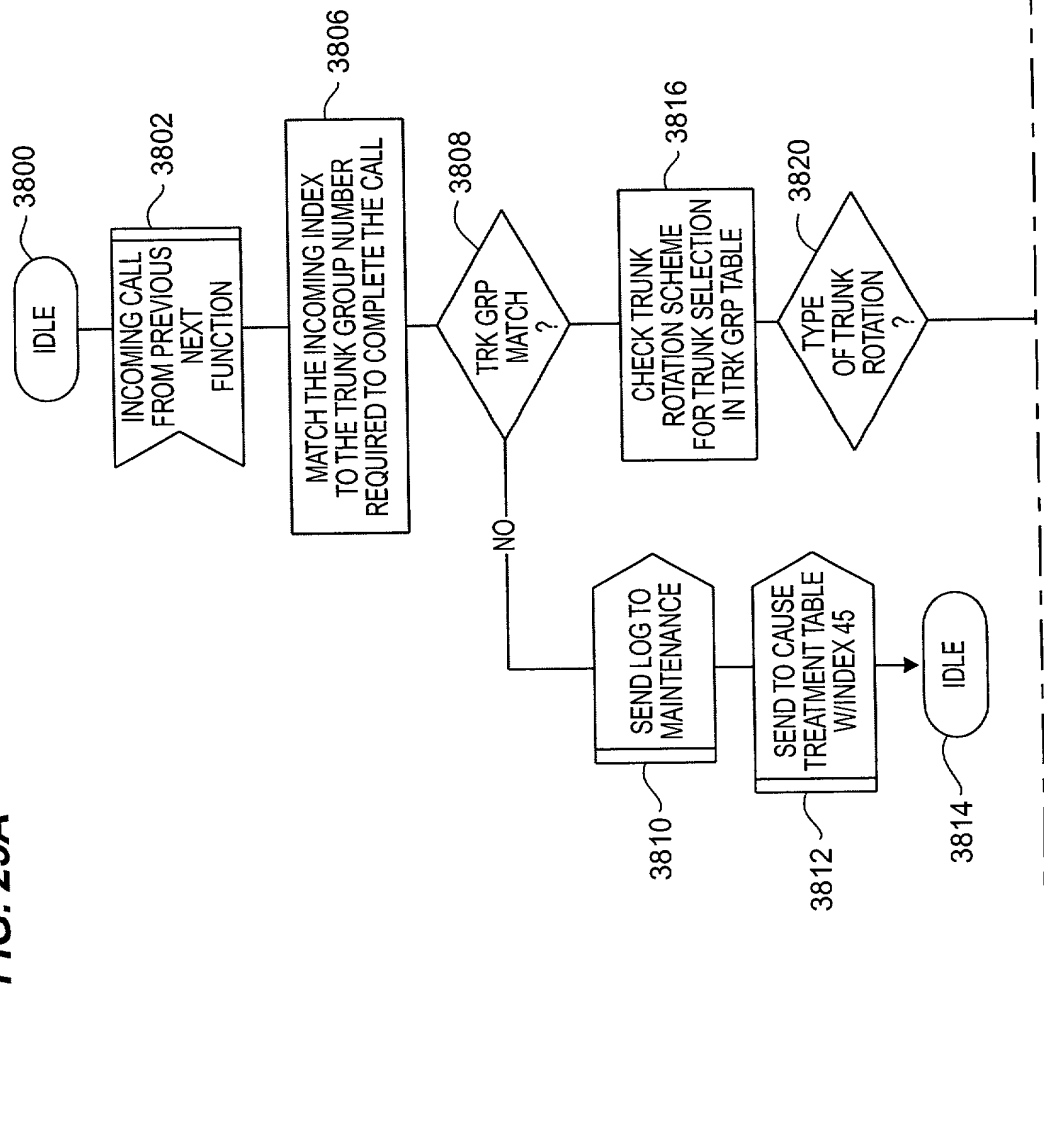


FIG. 22Q

FIG. 23A



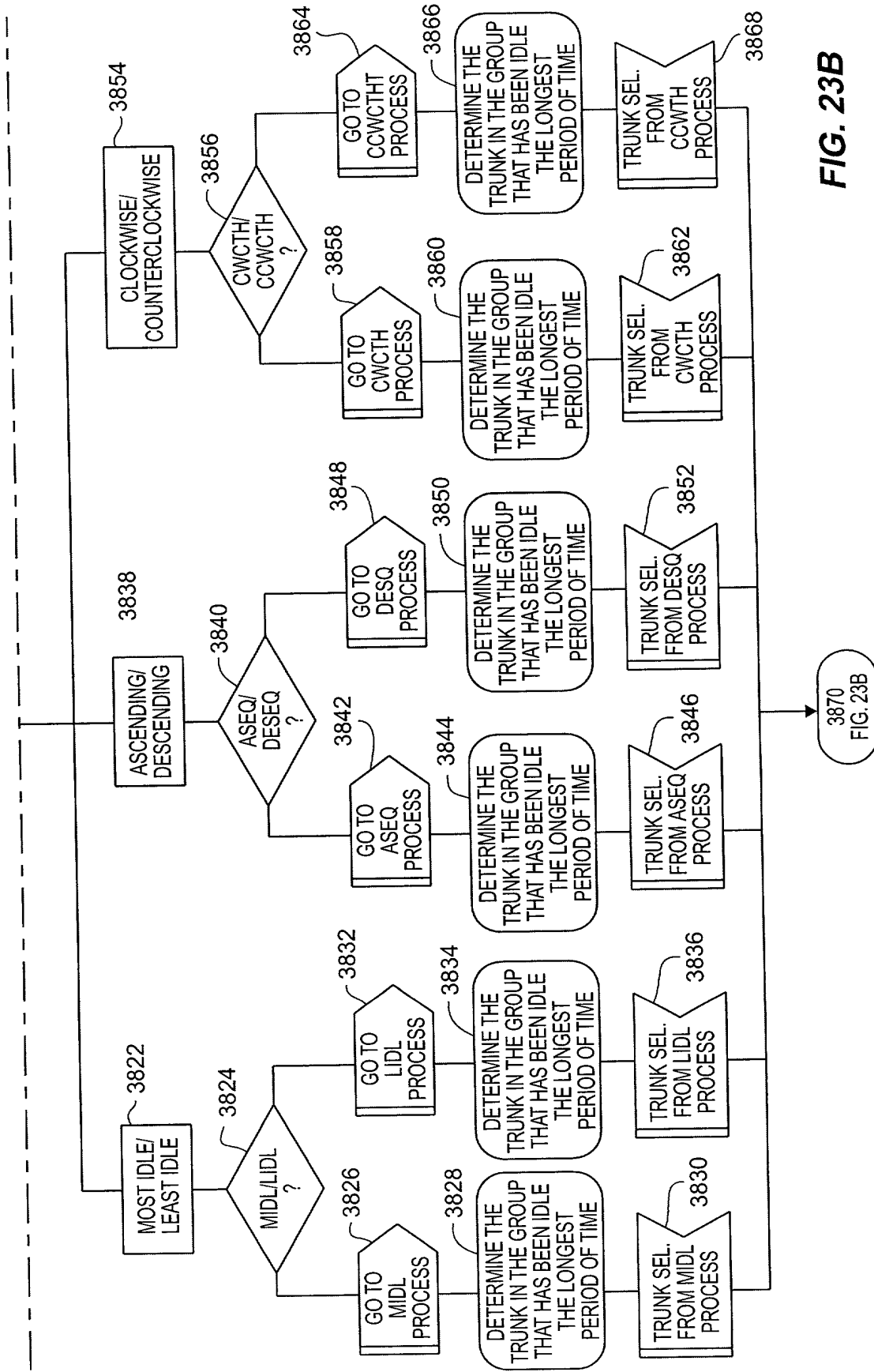


FIG. 23B

FIG. 23C

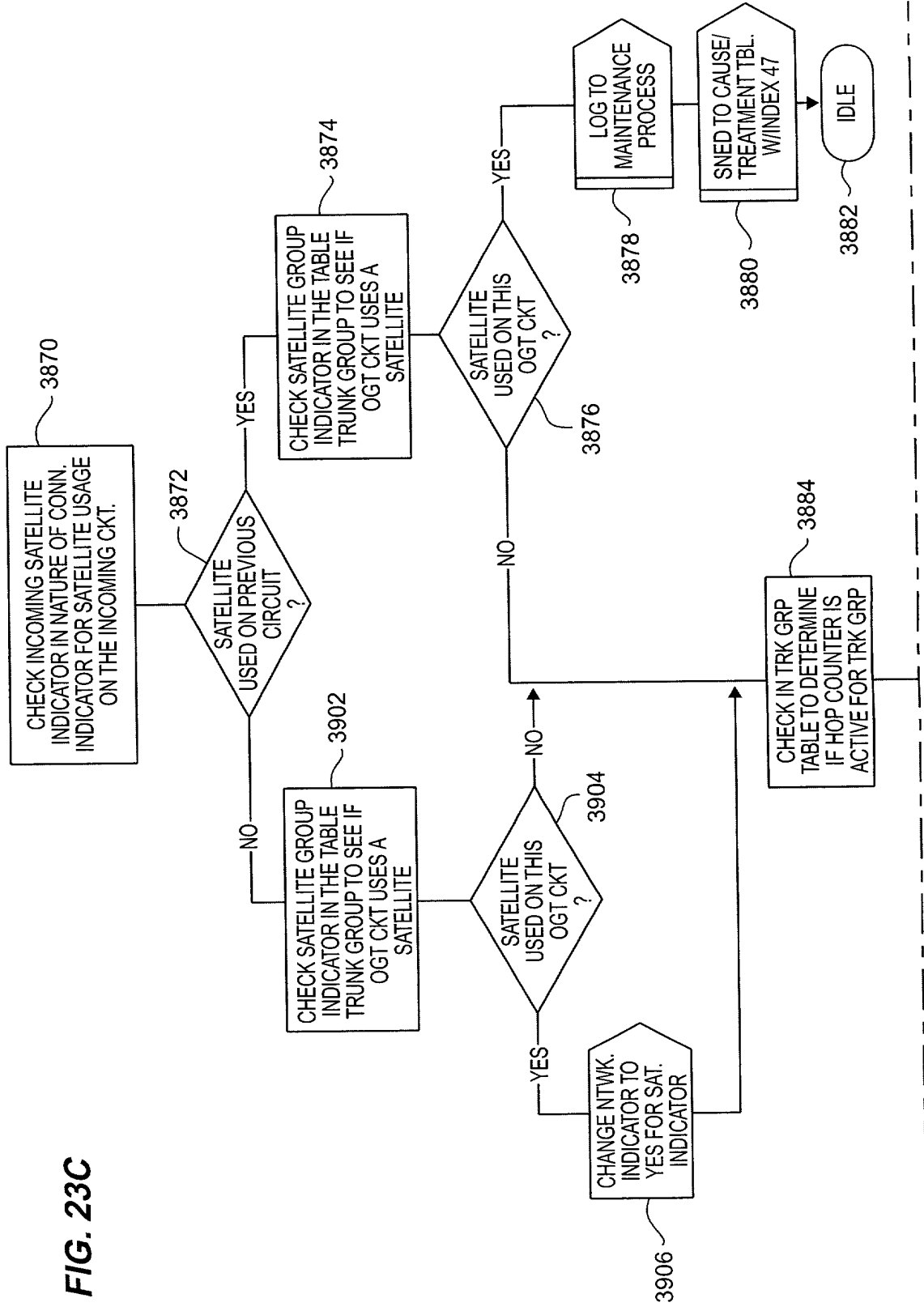
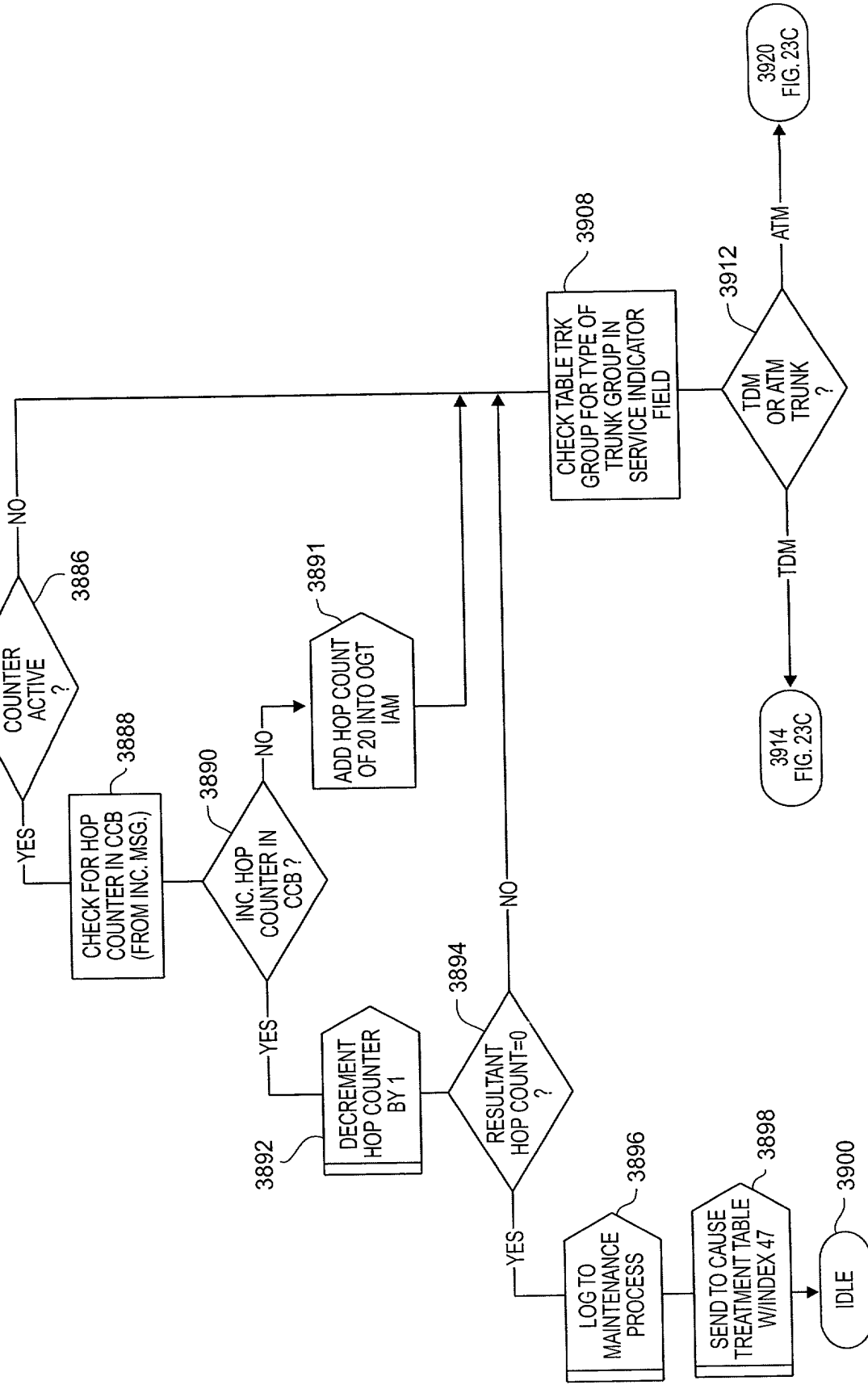
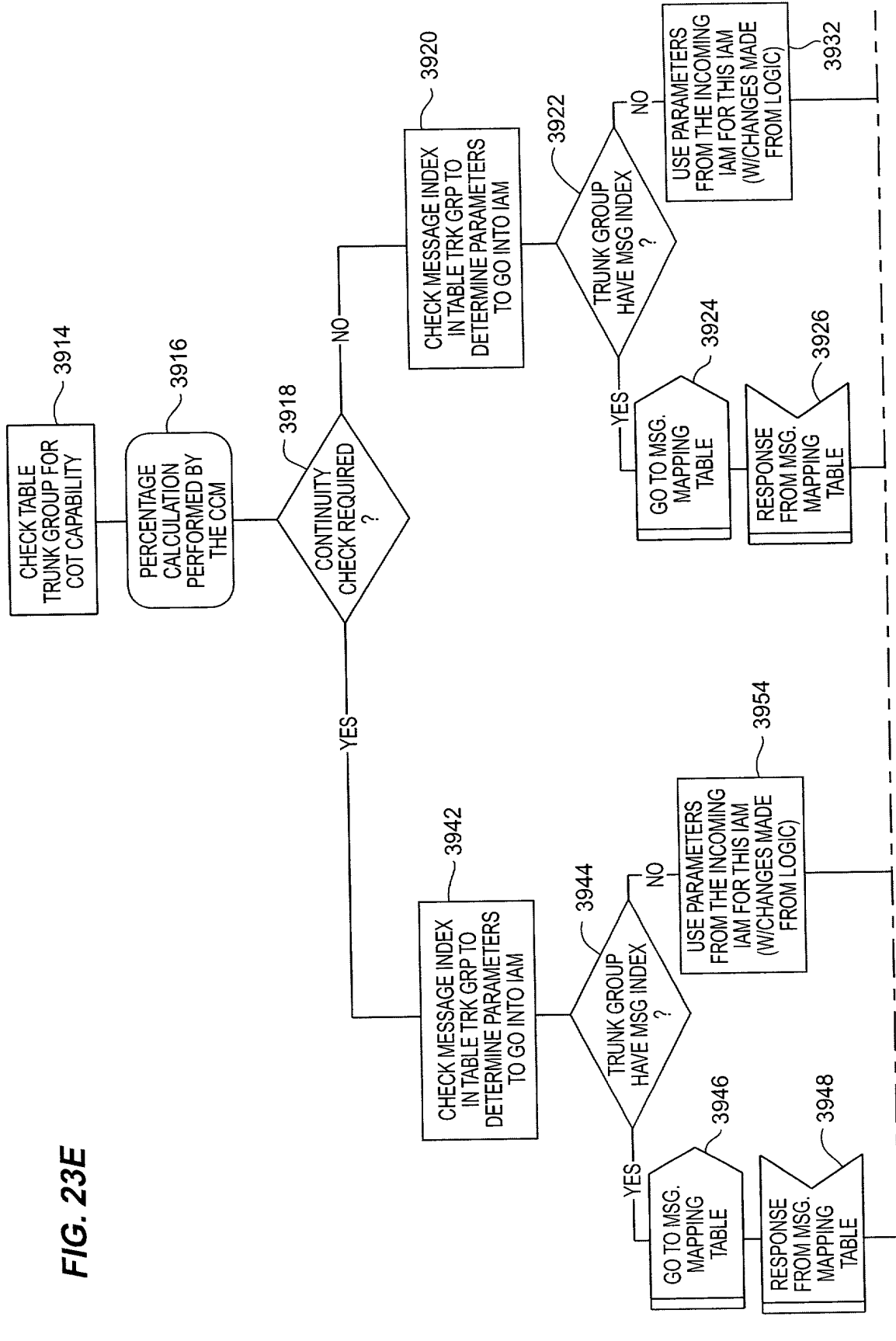


FIG. 23D





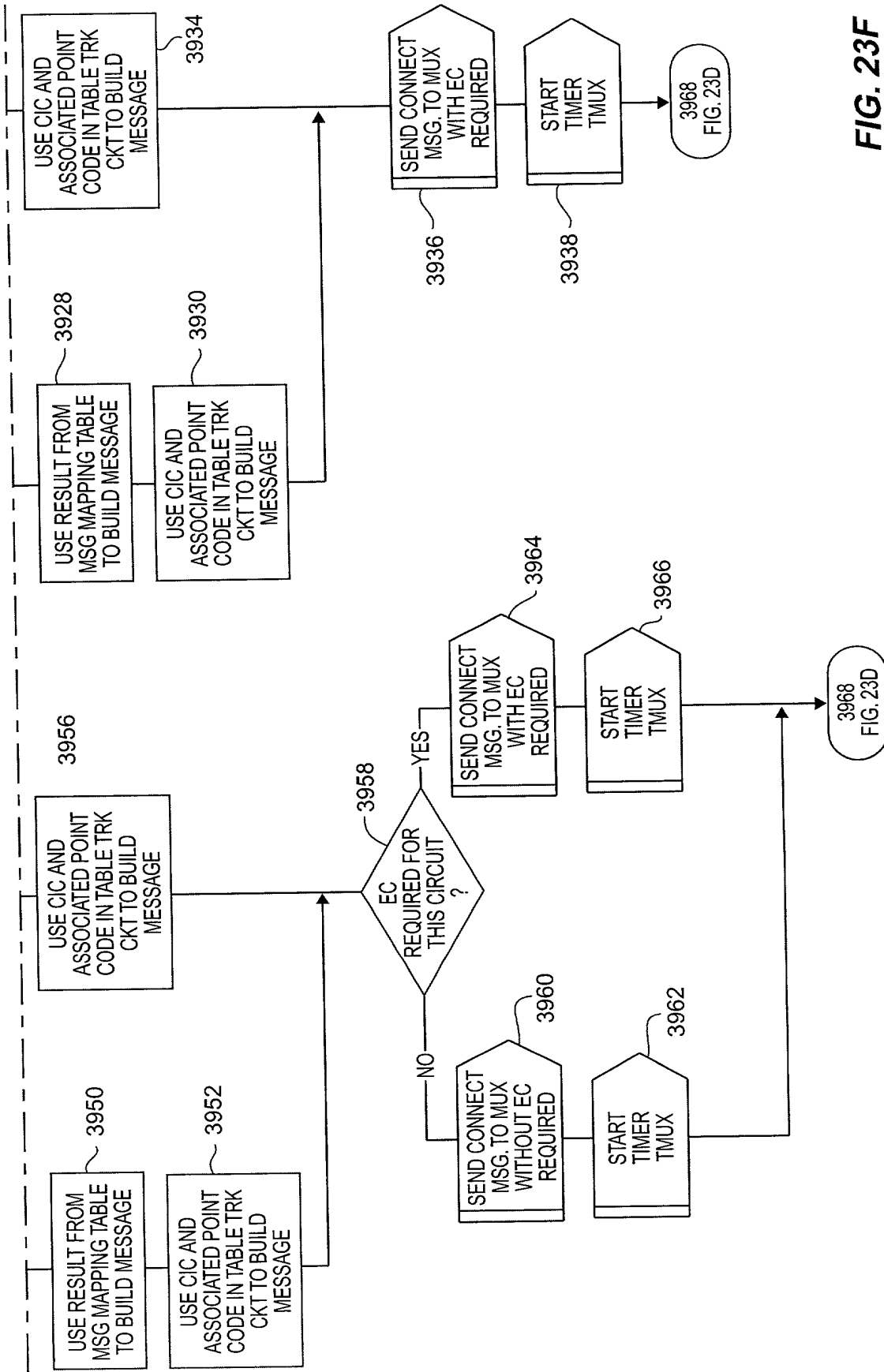
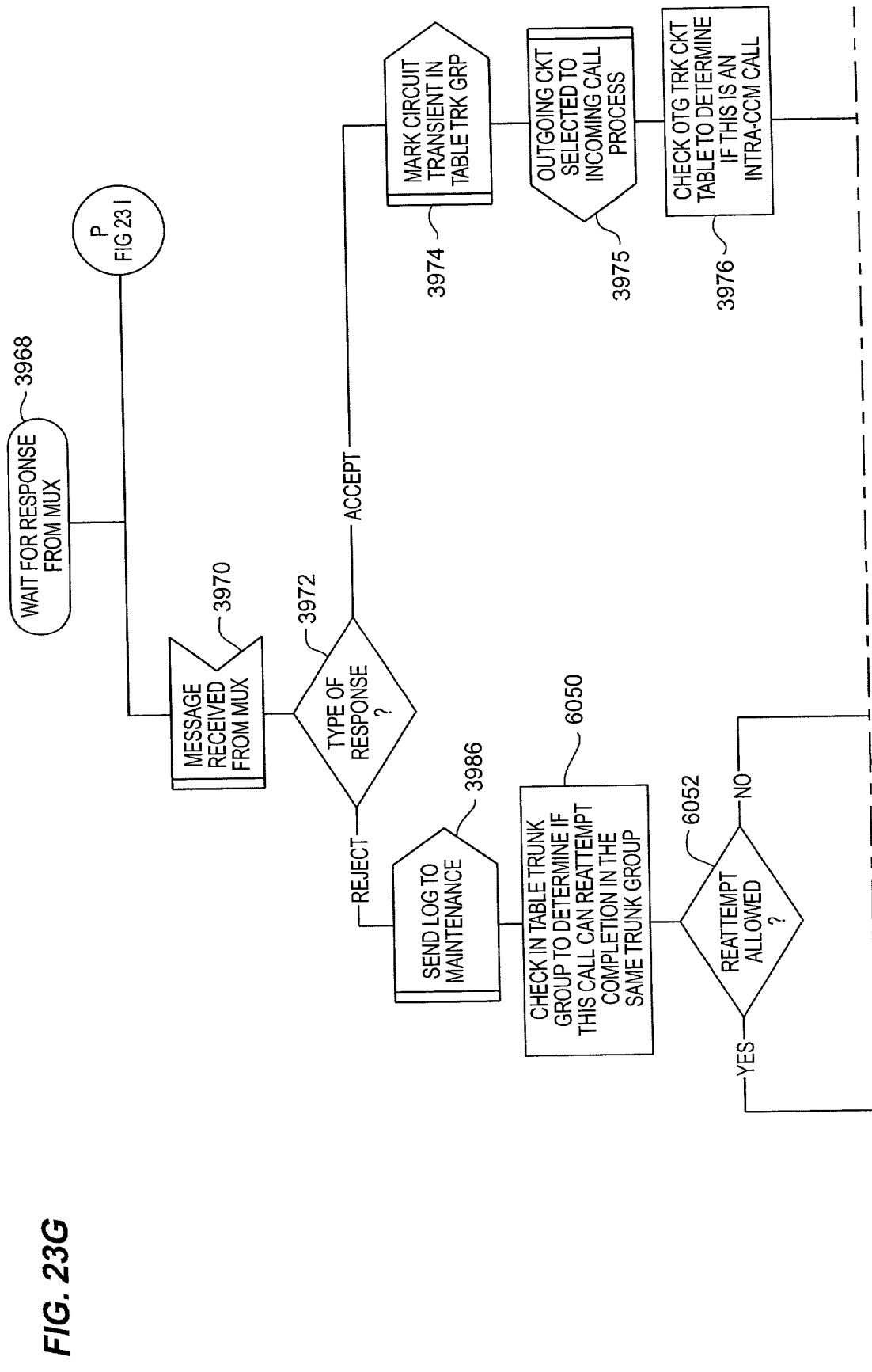


FIG. 23F

FIG. 23G



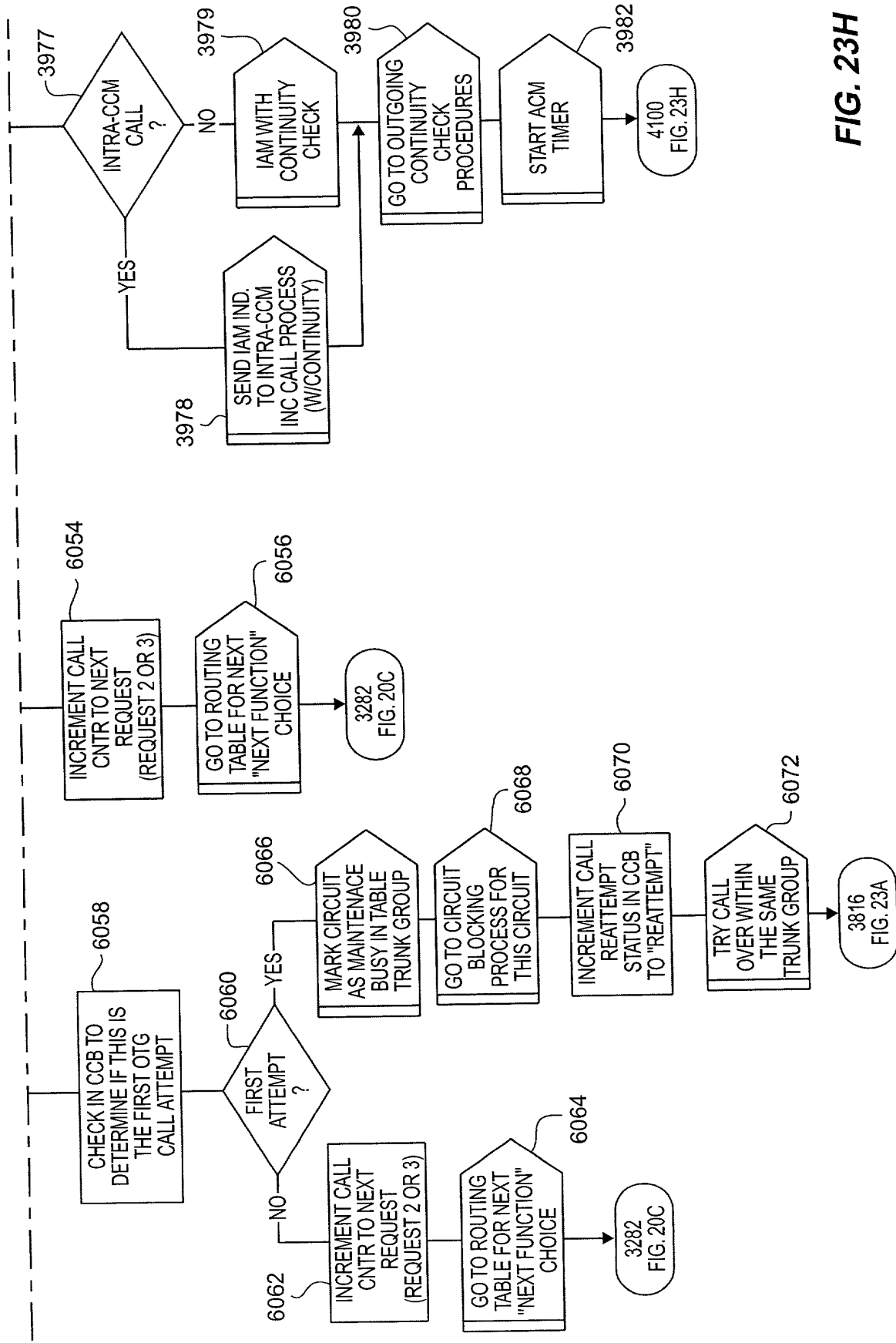
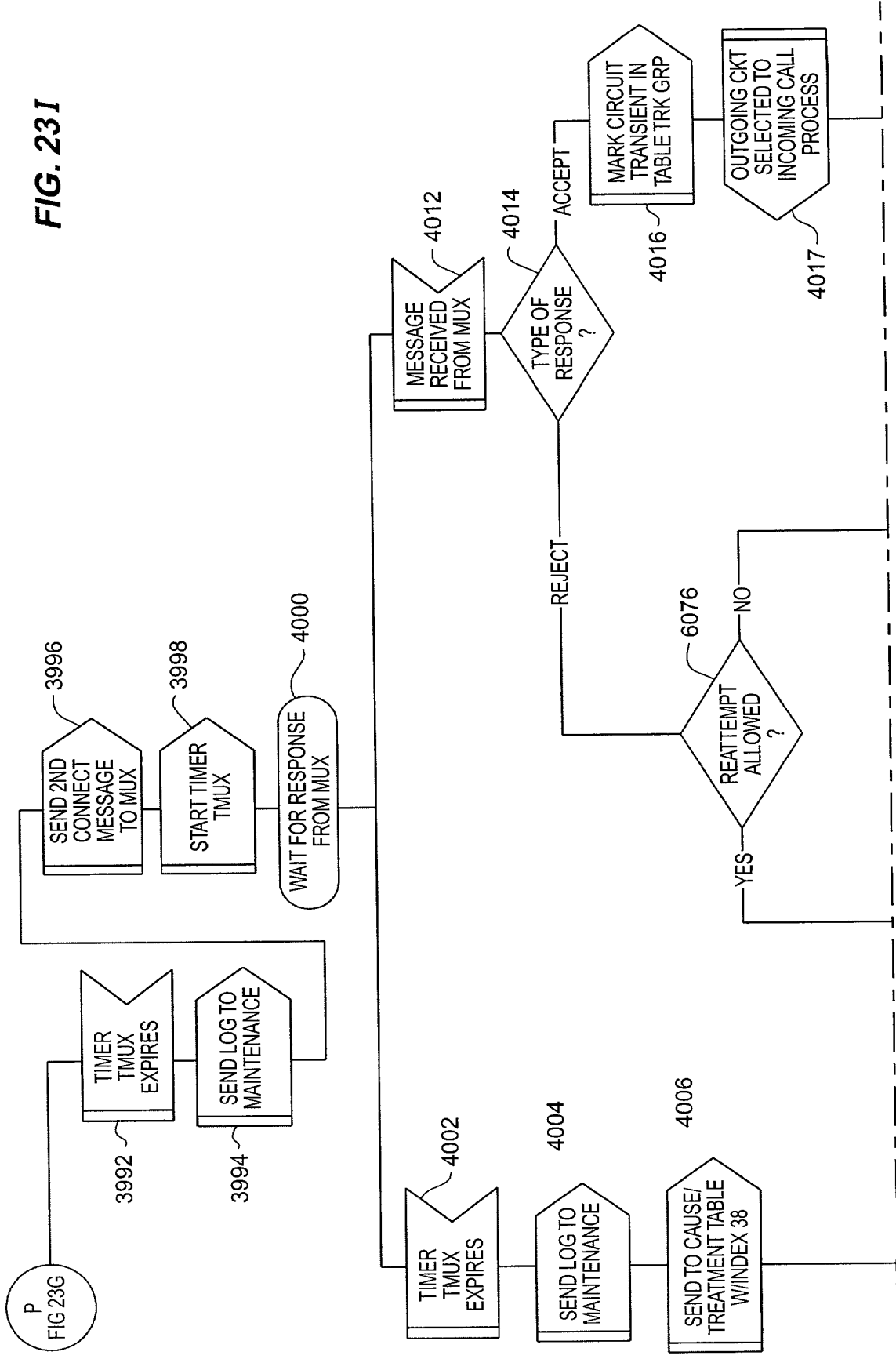


FIG. 23H

FIG. 23I



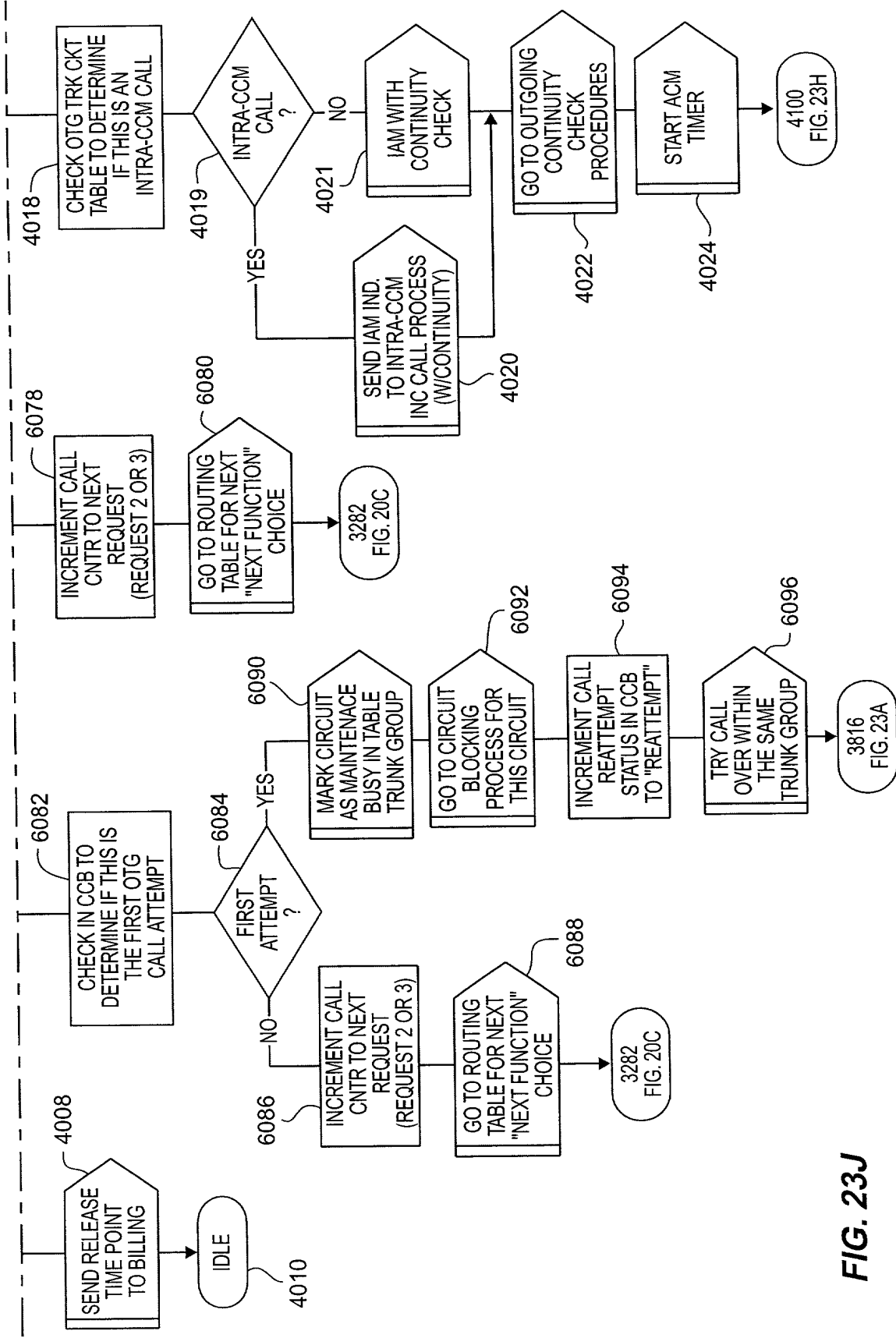
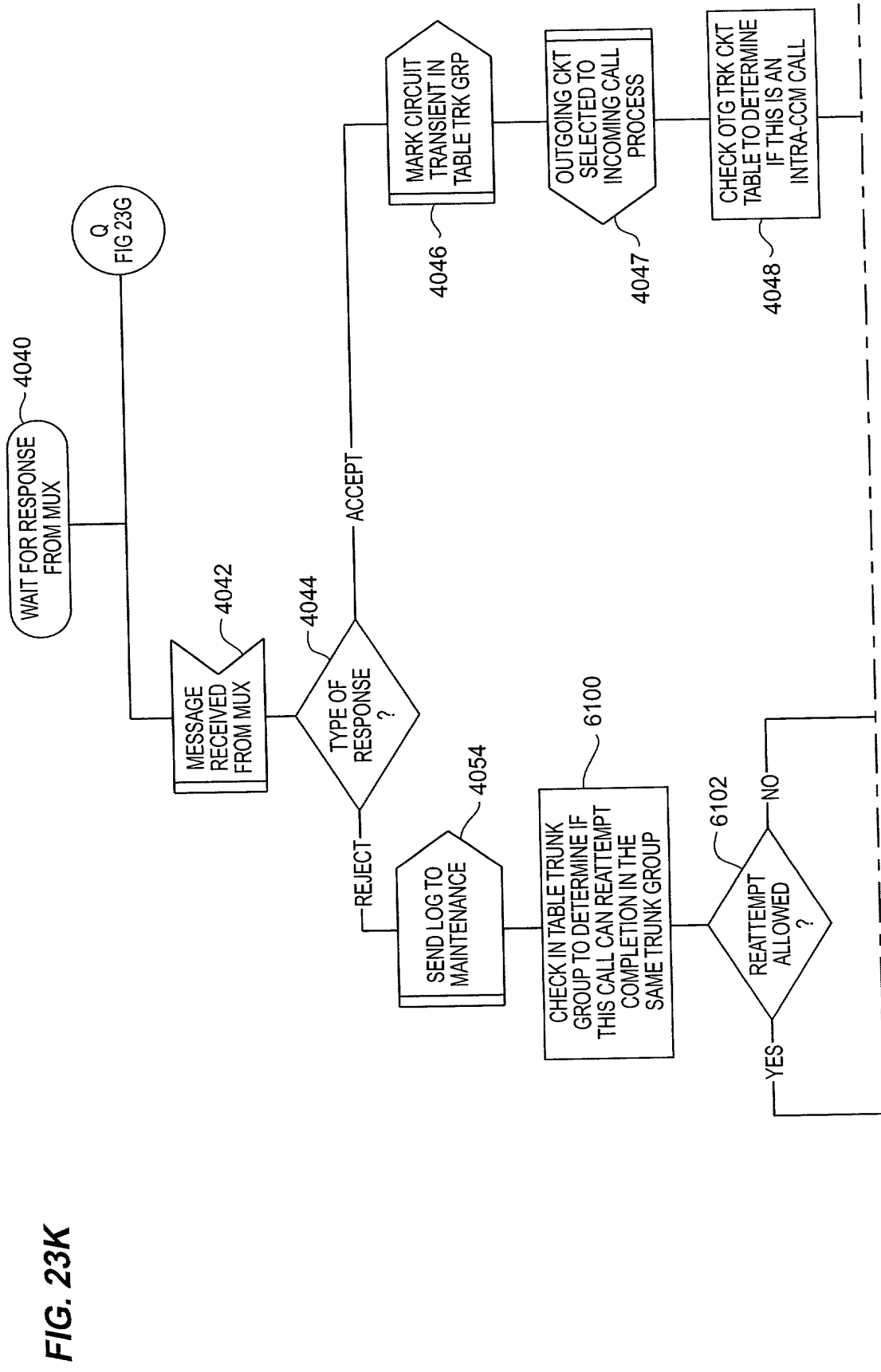


FIG. 23J

FIG. 23K



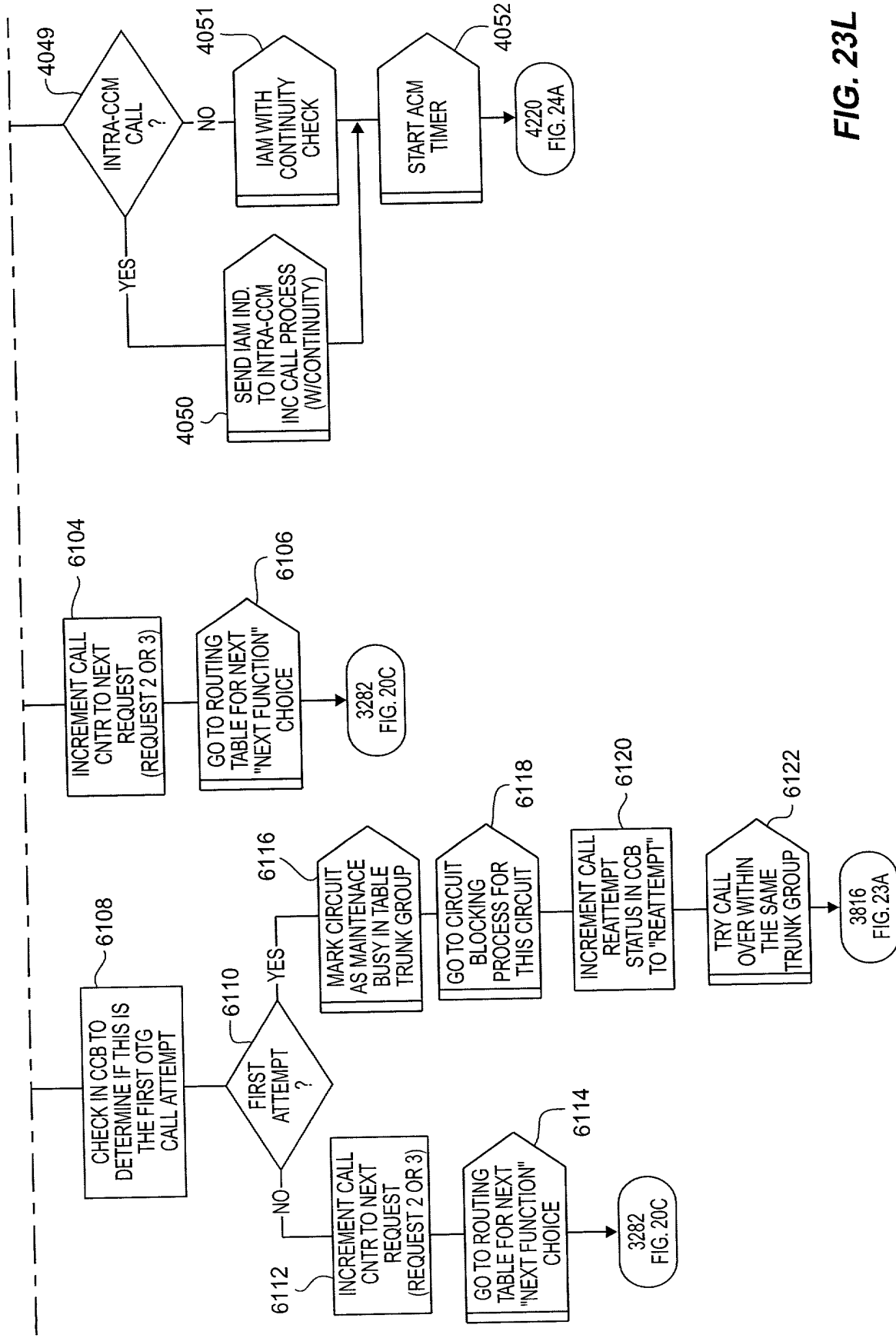
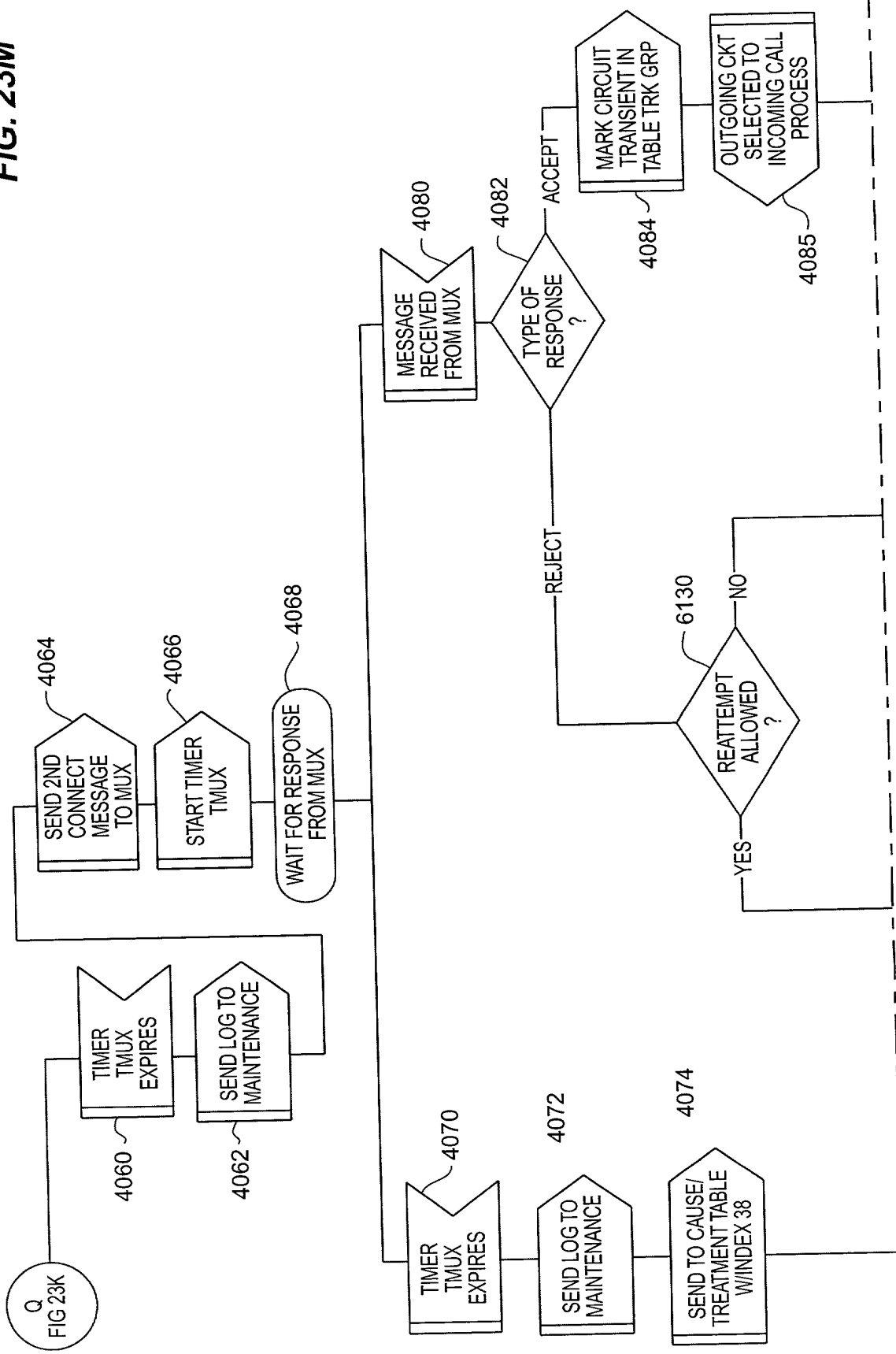


FIG. 23L

FIG. 23M



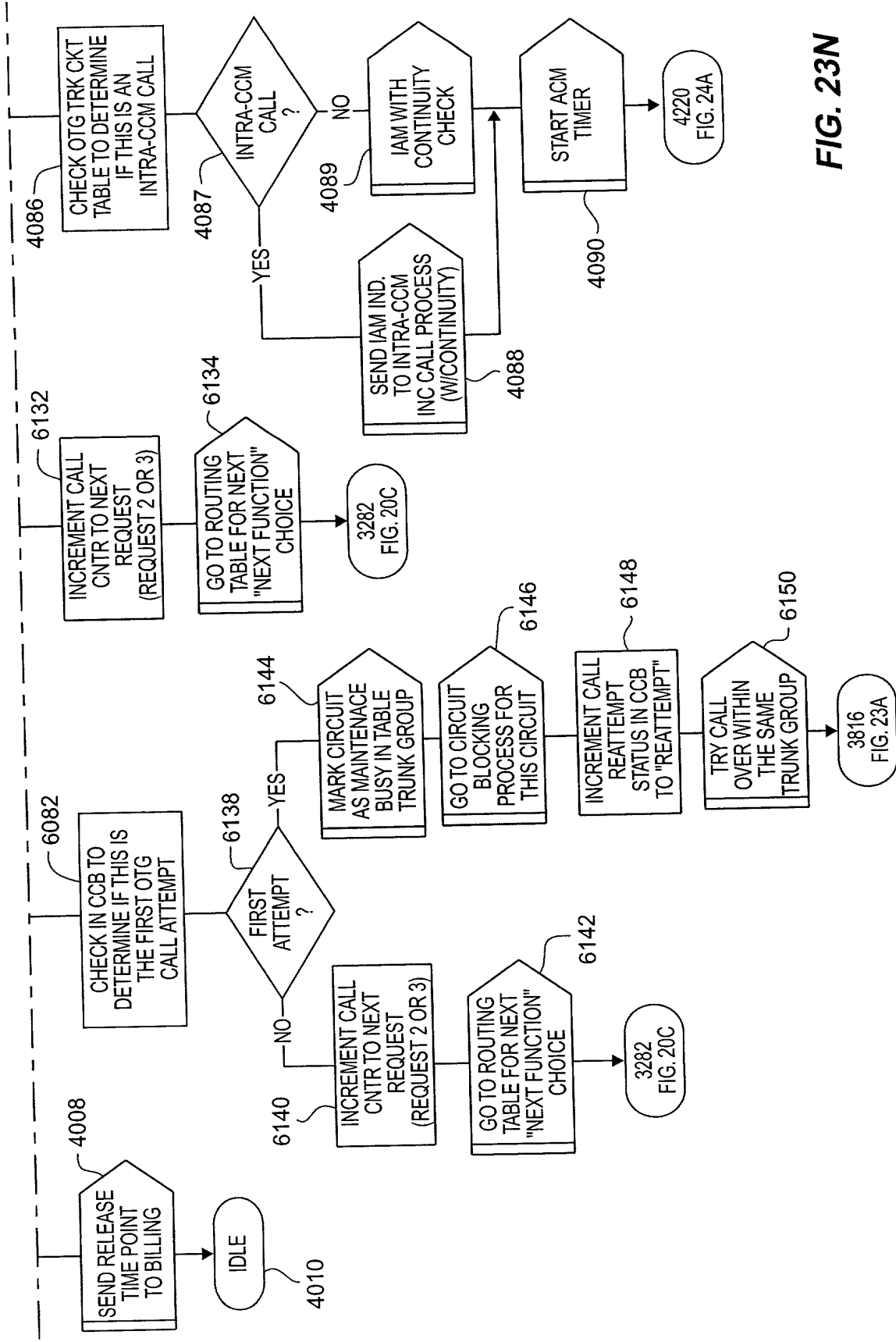
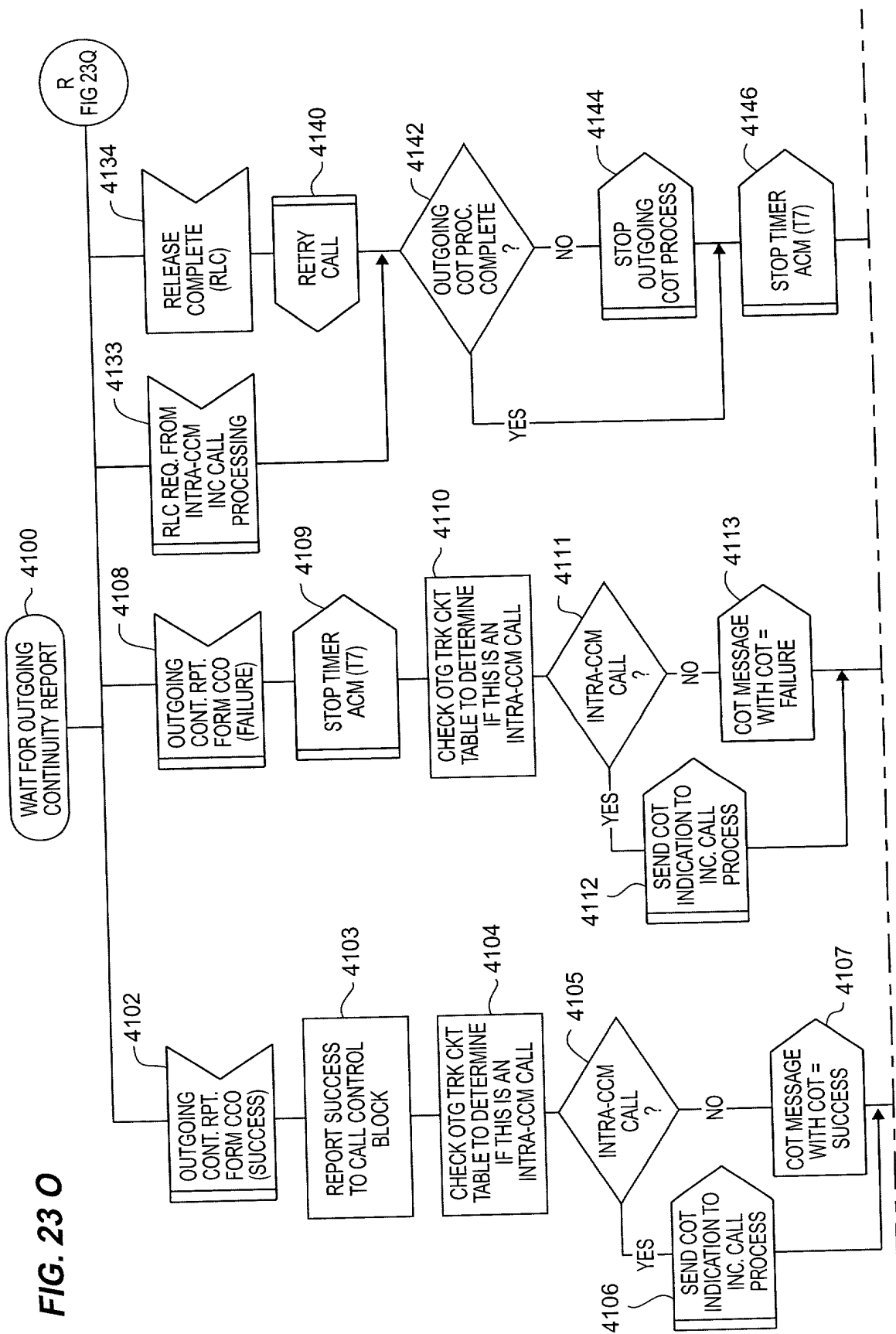


FIG. 23N

FIG. 23 O



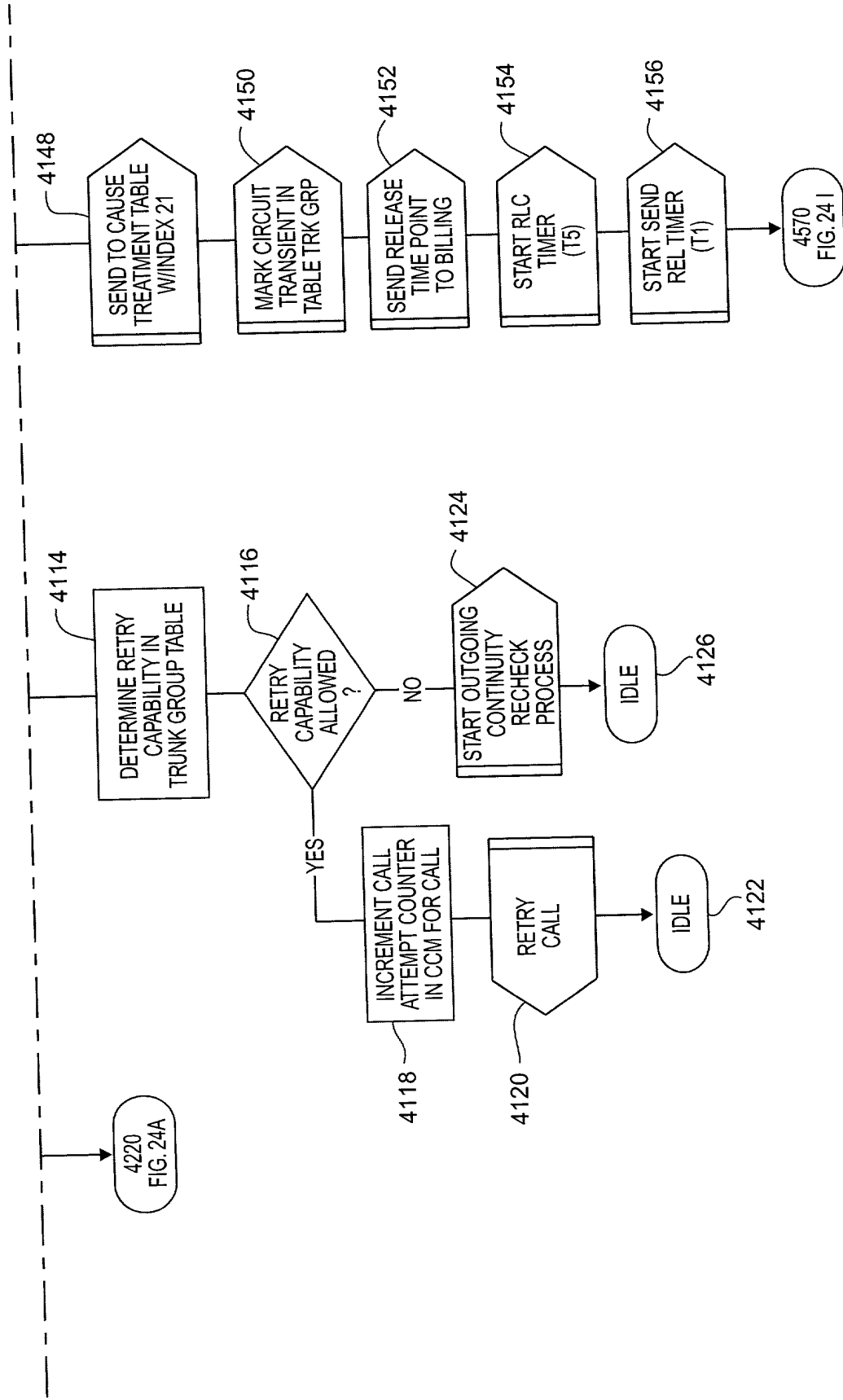


FIG. 23P

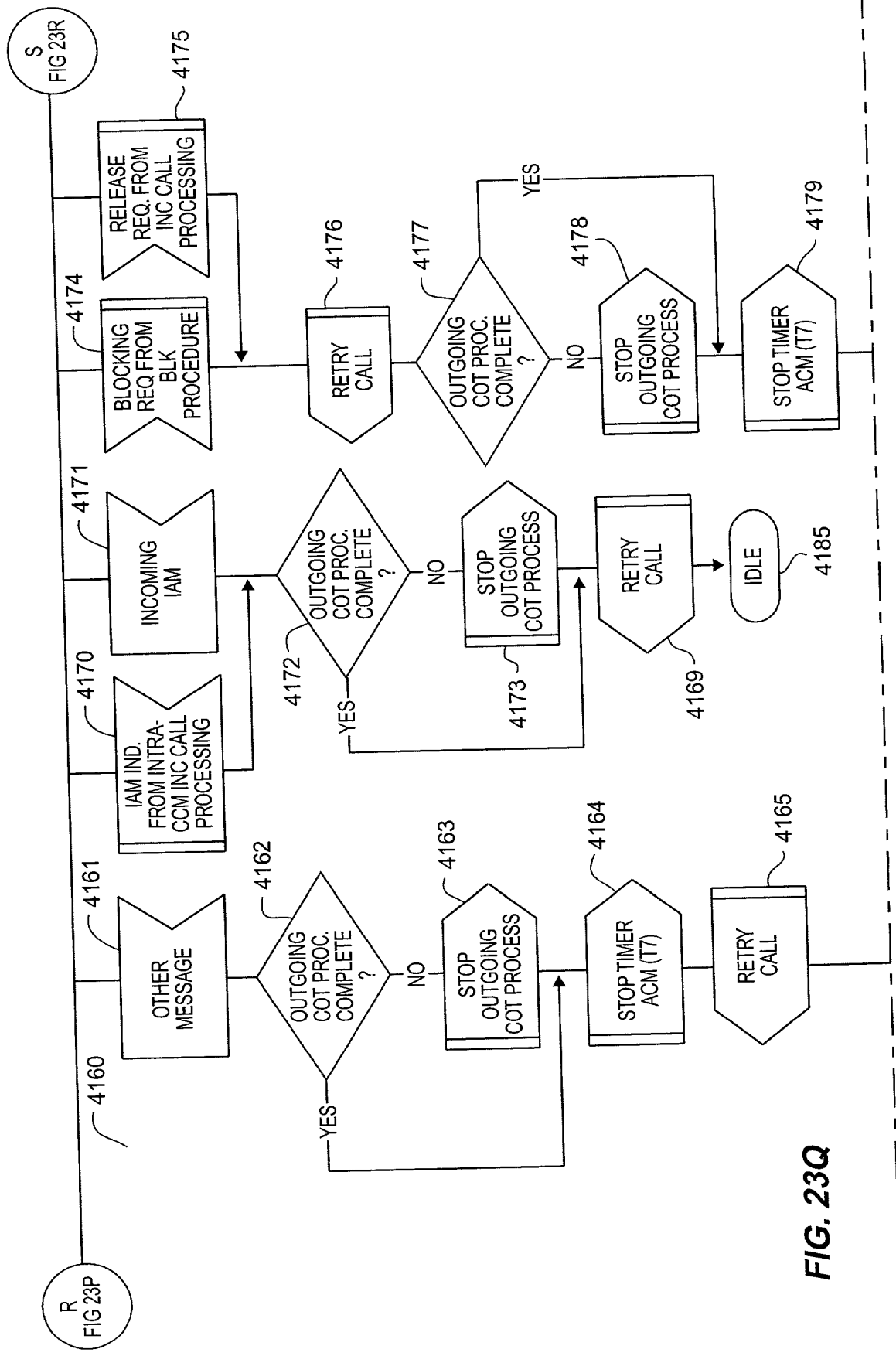


FIG. 23Q

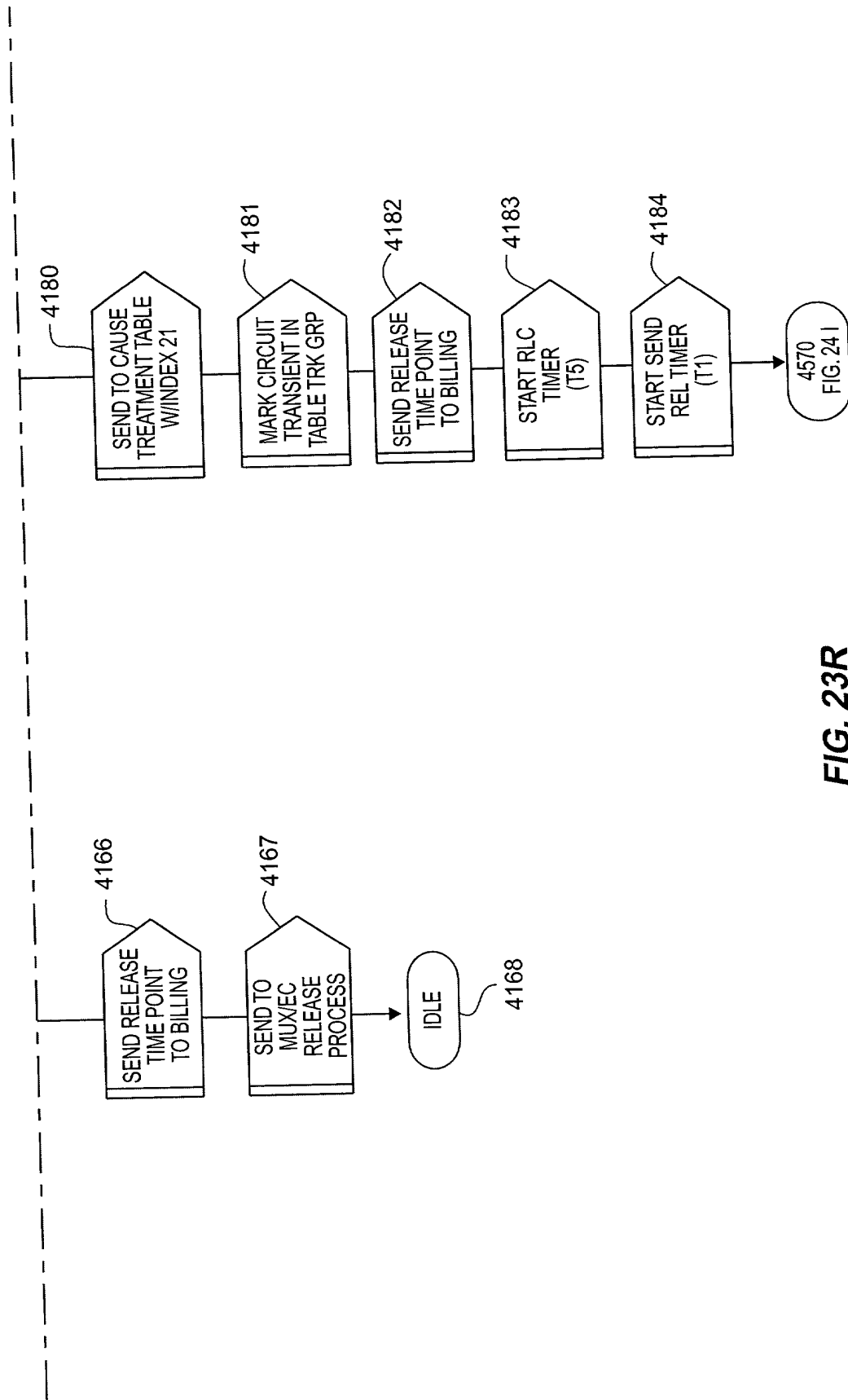


FIG. 23R

FIG. 23S

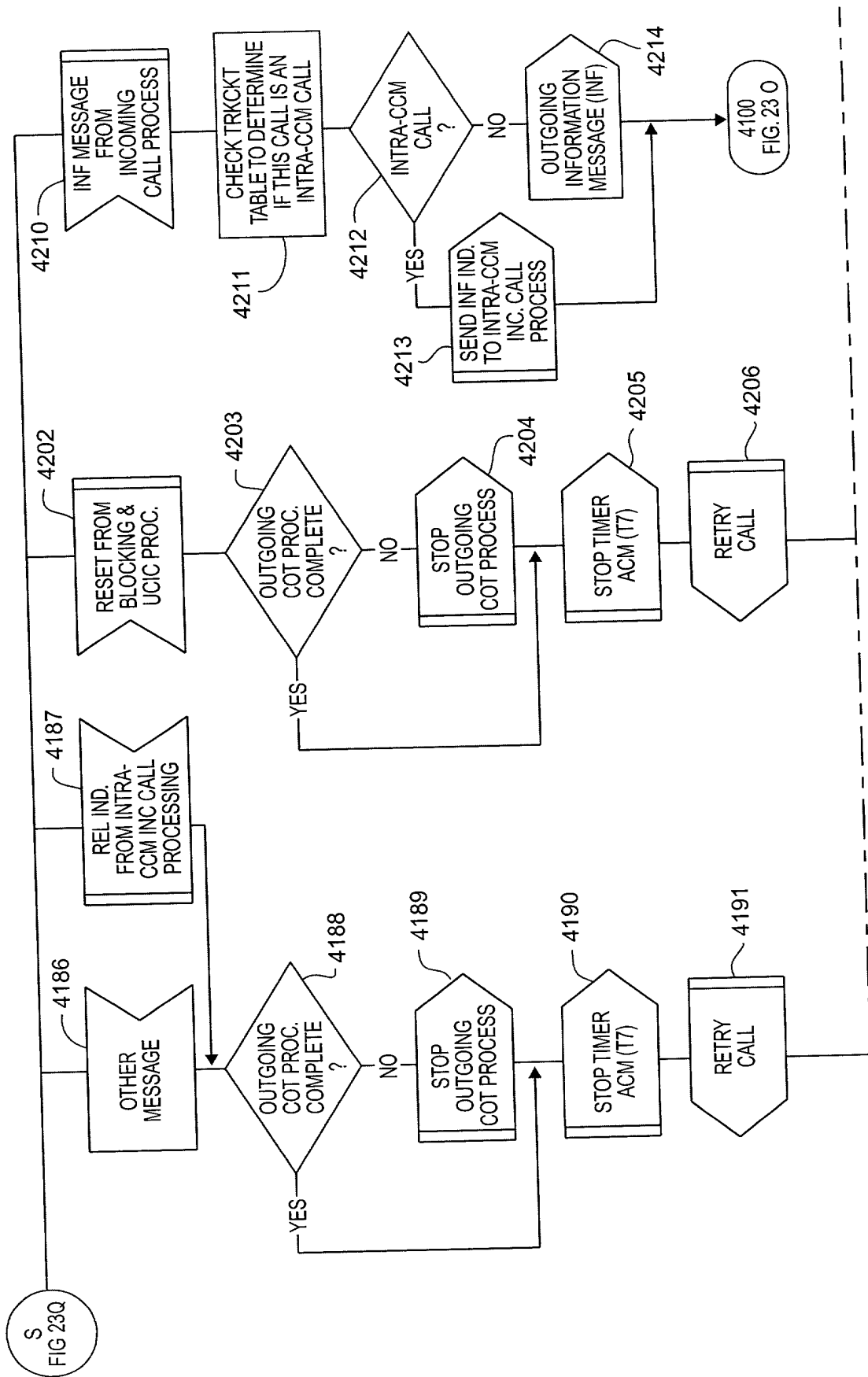


FIG. 23T

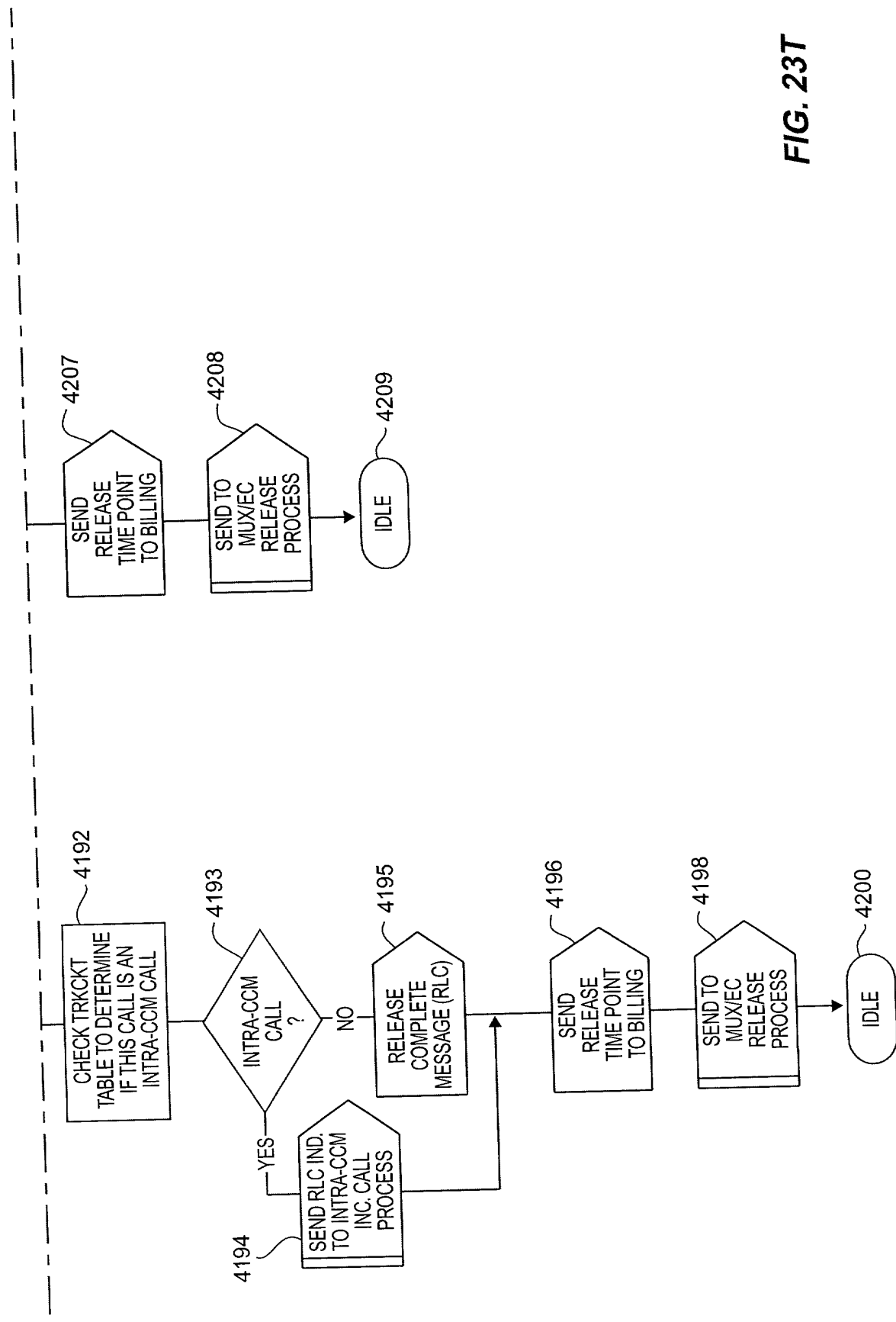


FIG. 23T

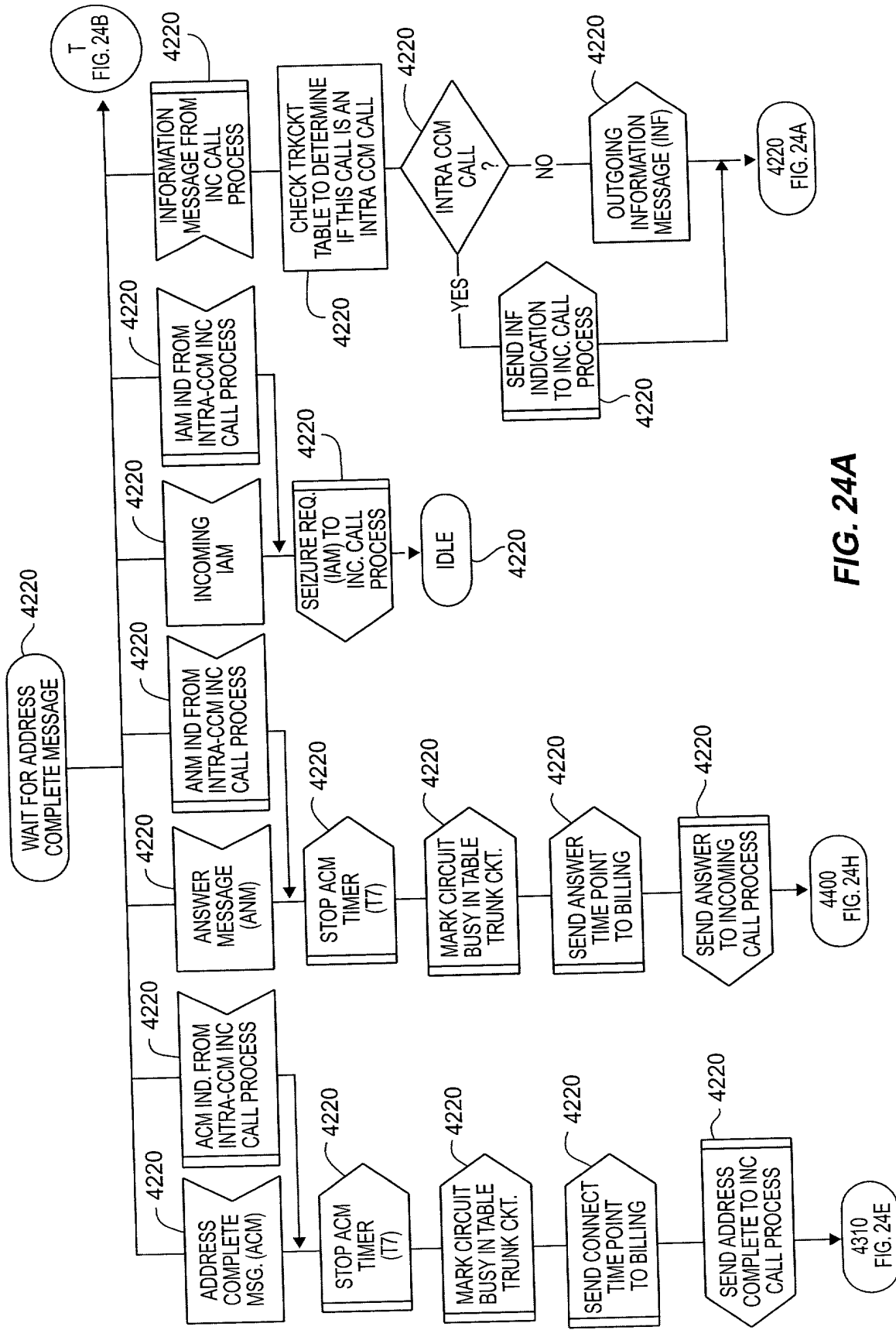


FIG. 24A

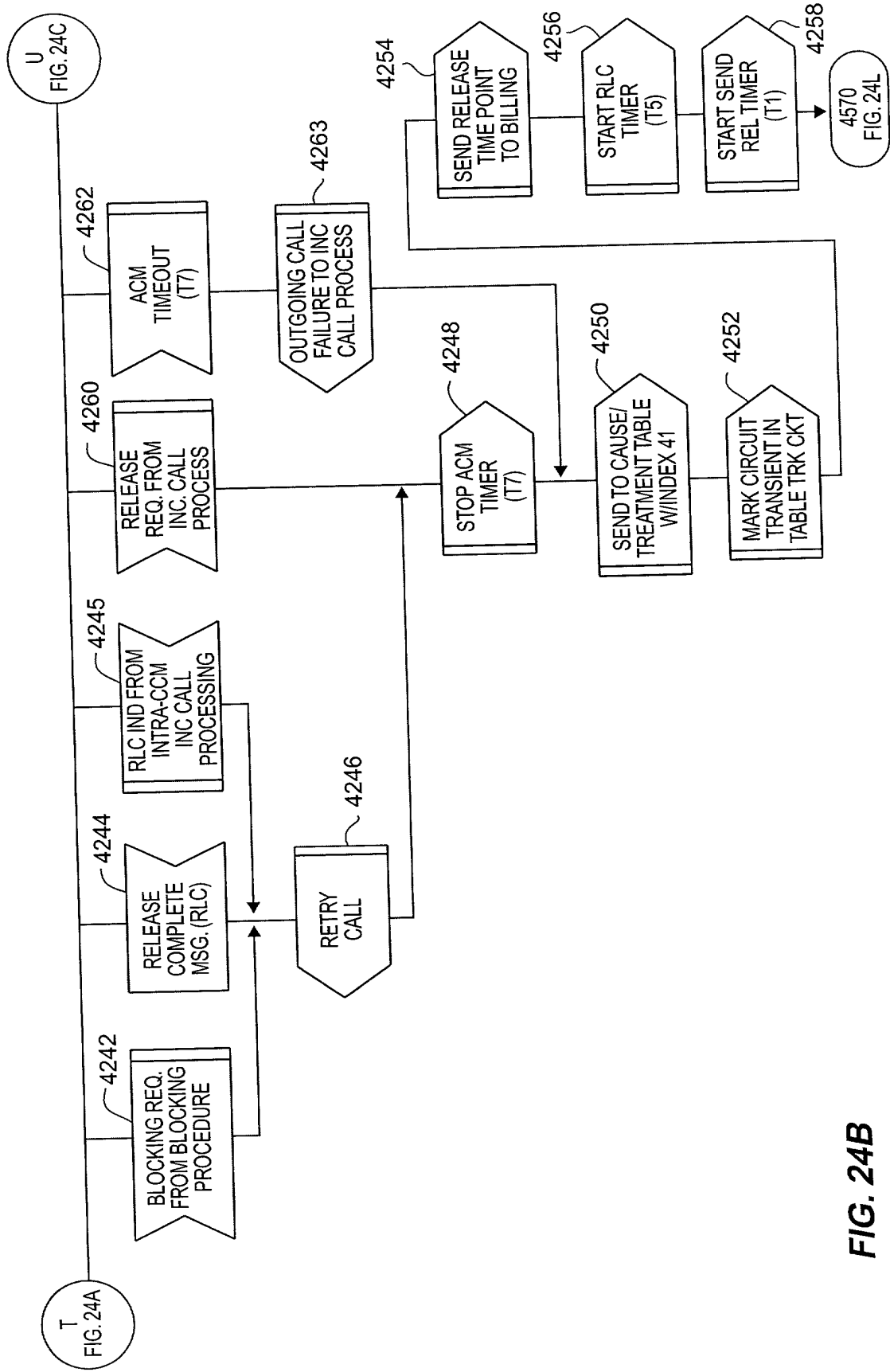


FIG. 24B

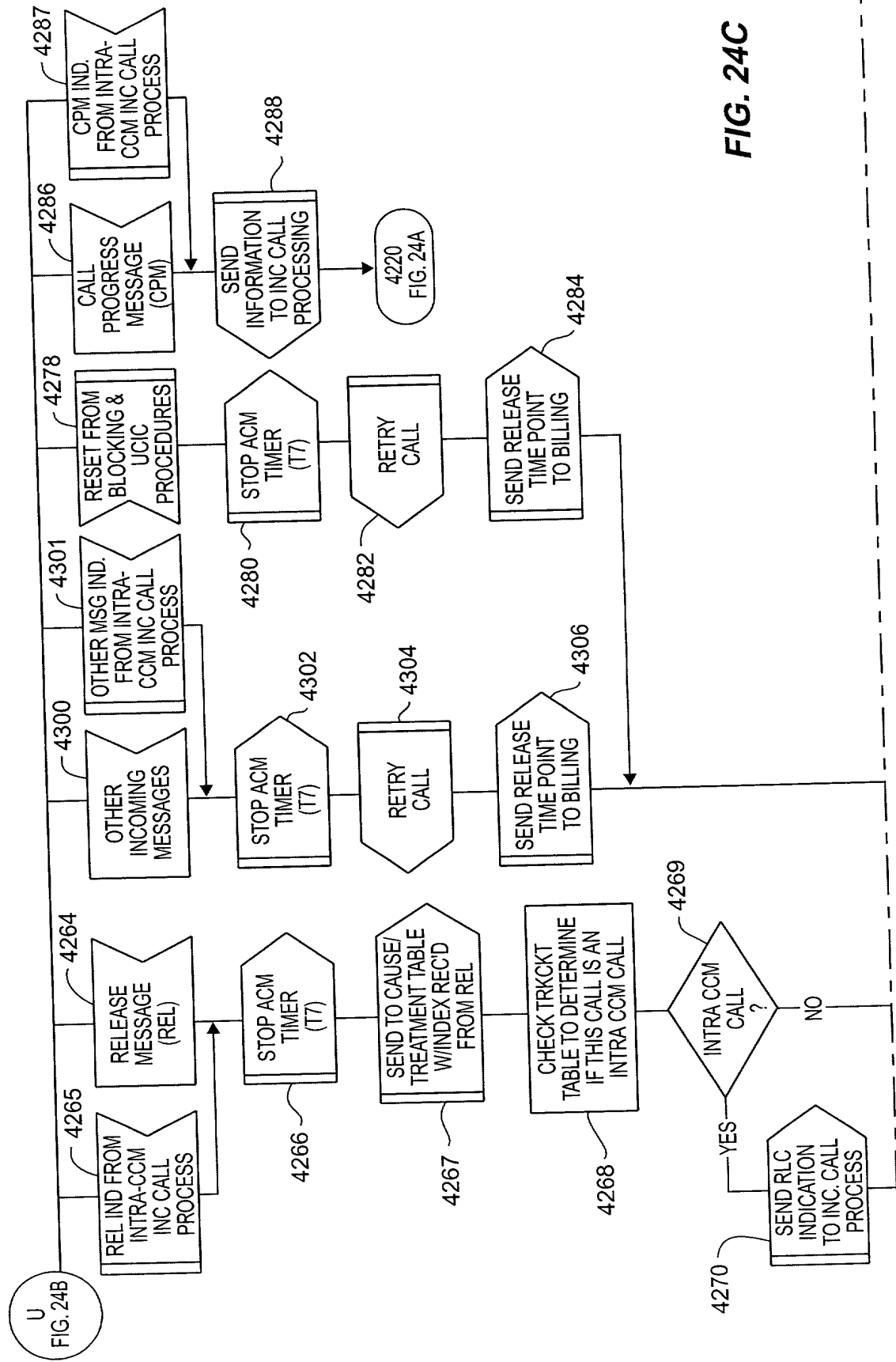


FIG. 24C

FIG. 24D

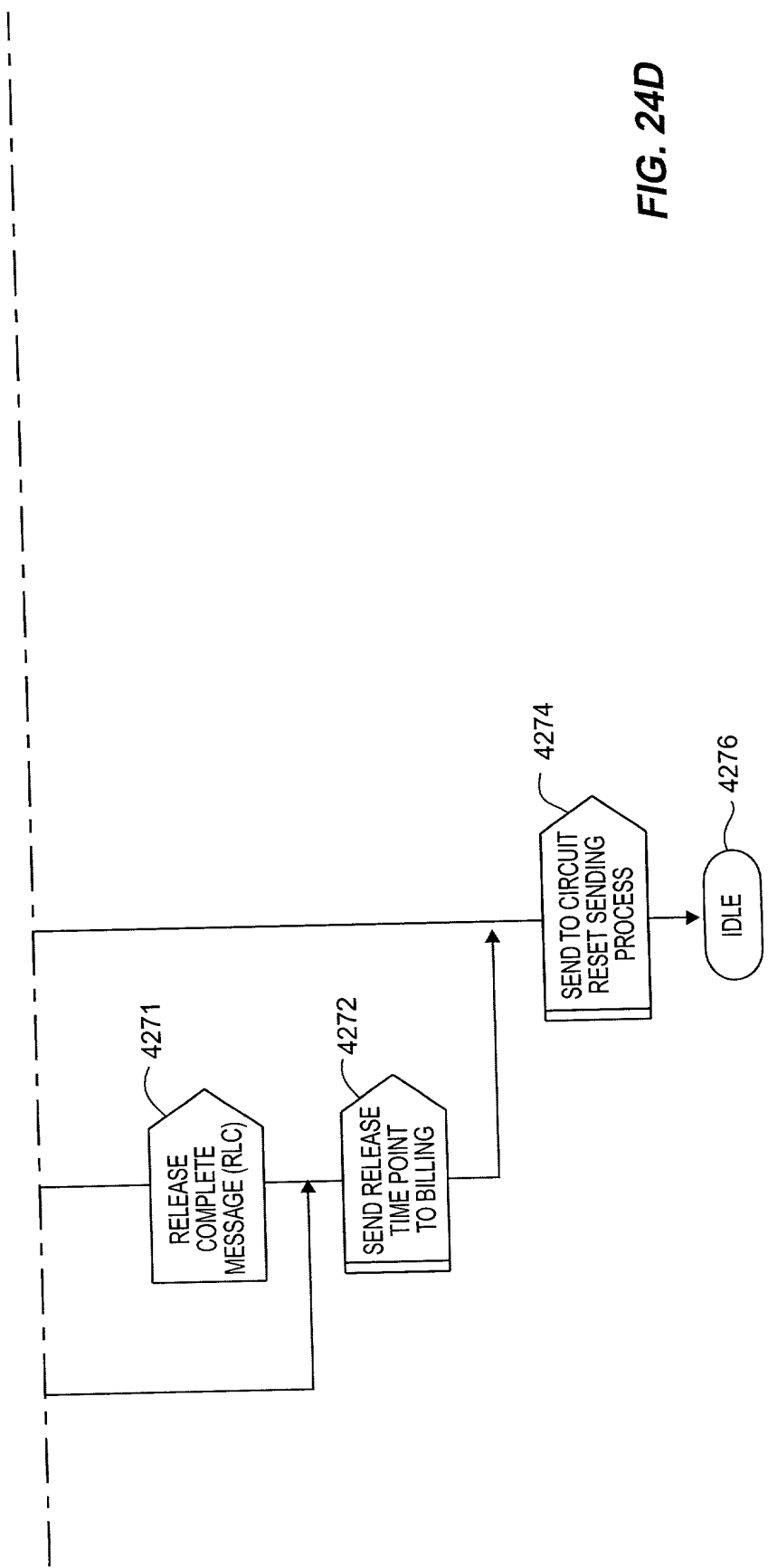
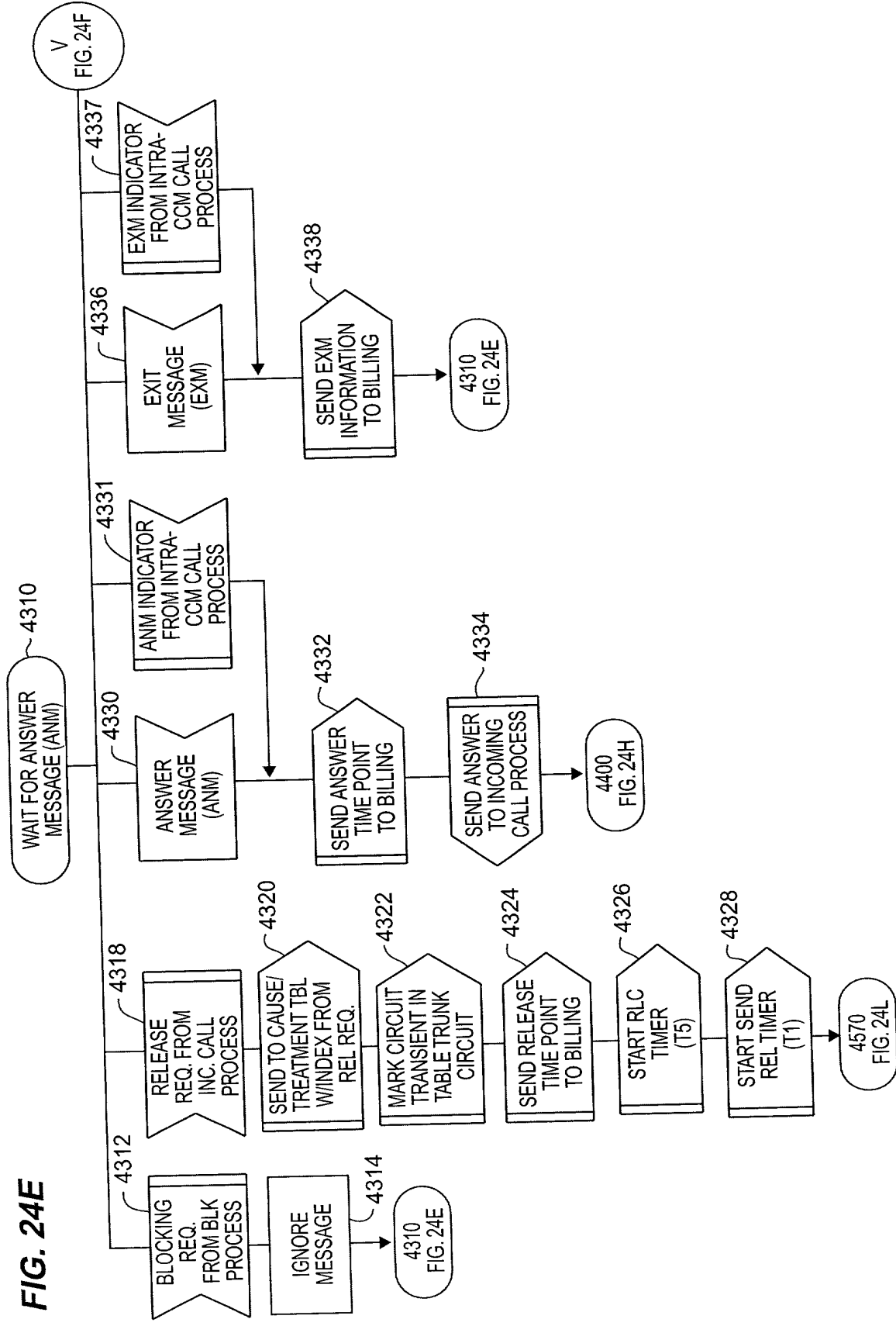


FIG. 24D

FIG. 24E



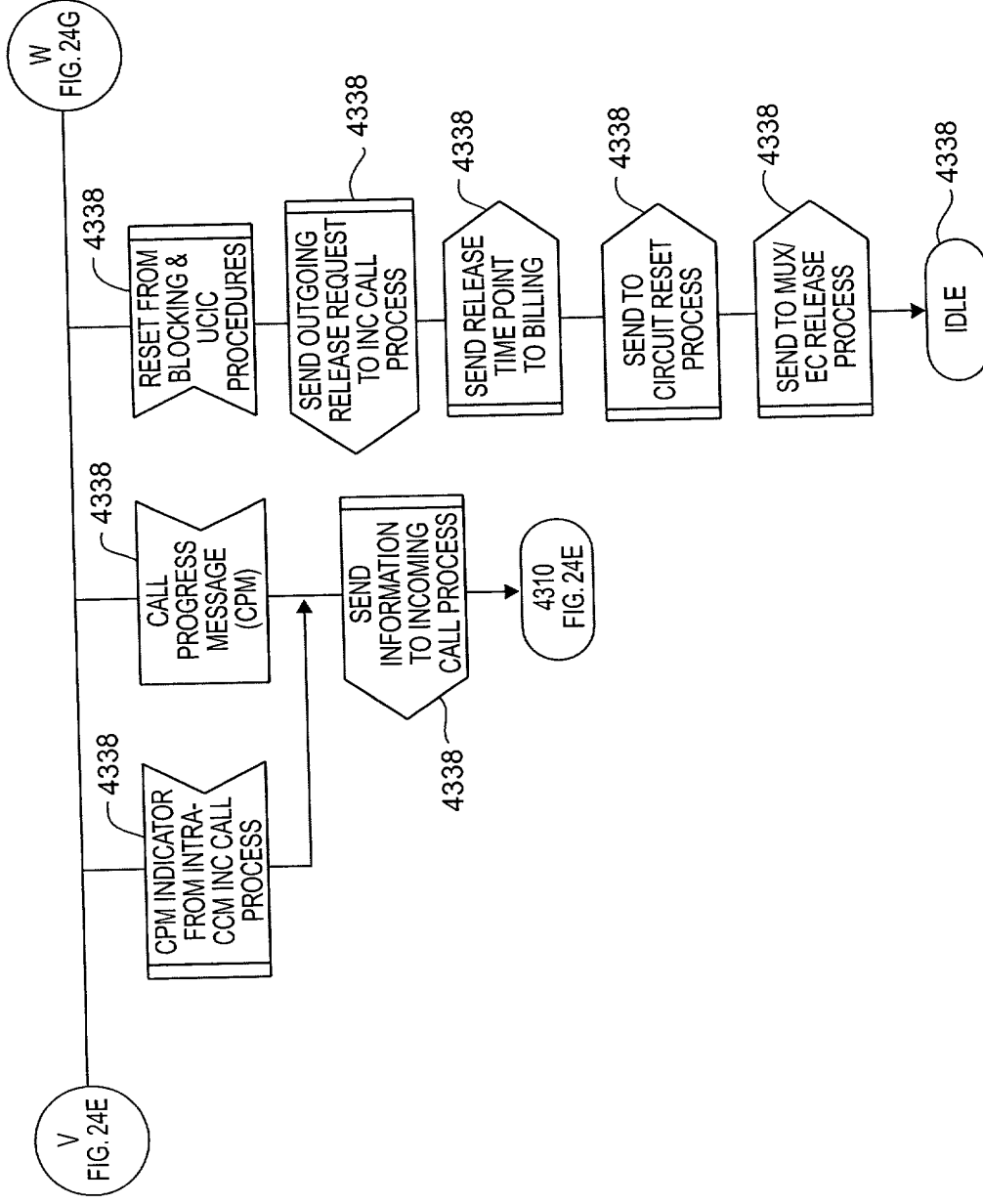


FIG. 24F

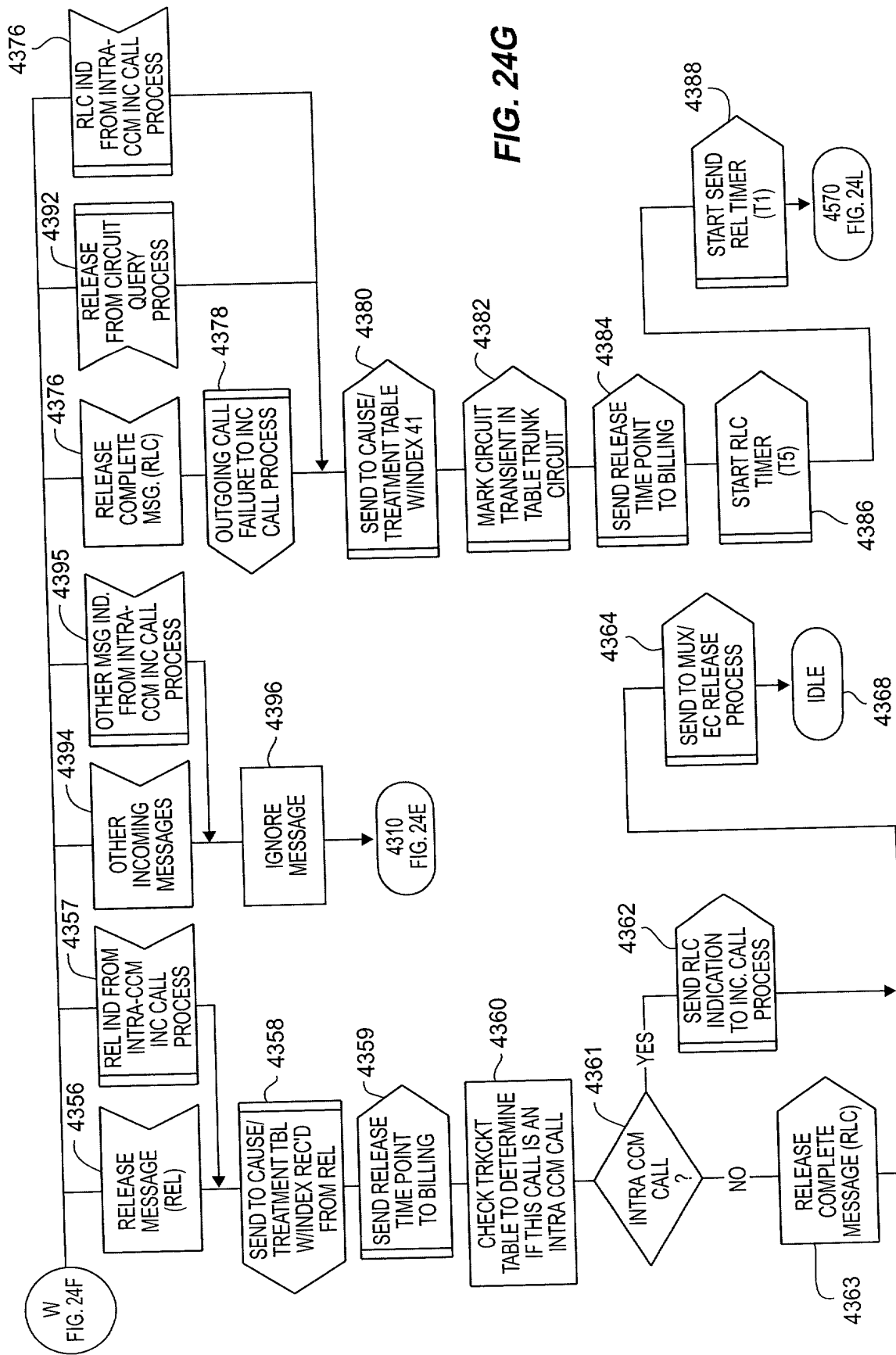


FIG. 24G

FIG. 24H

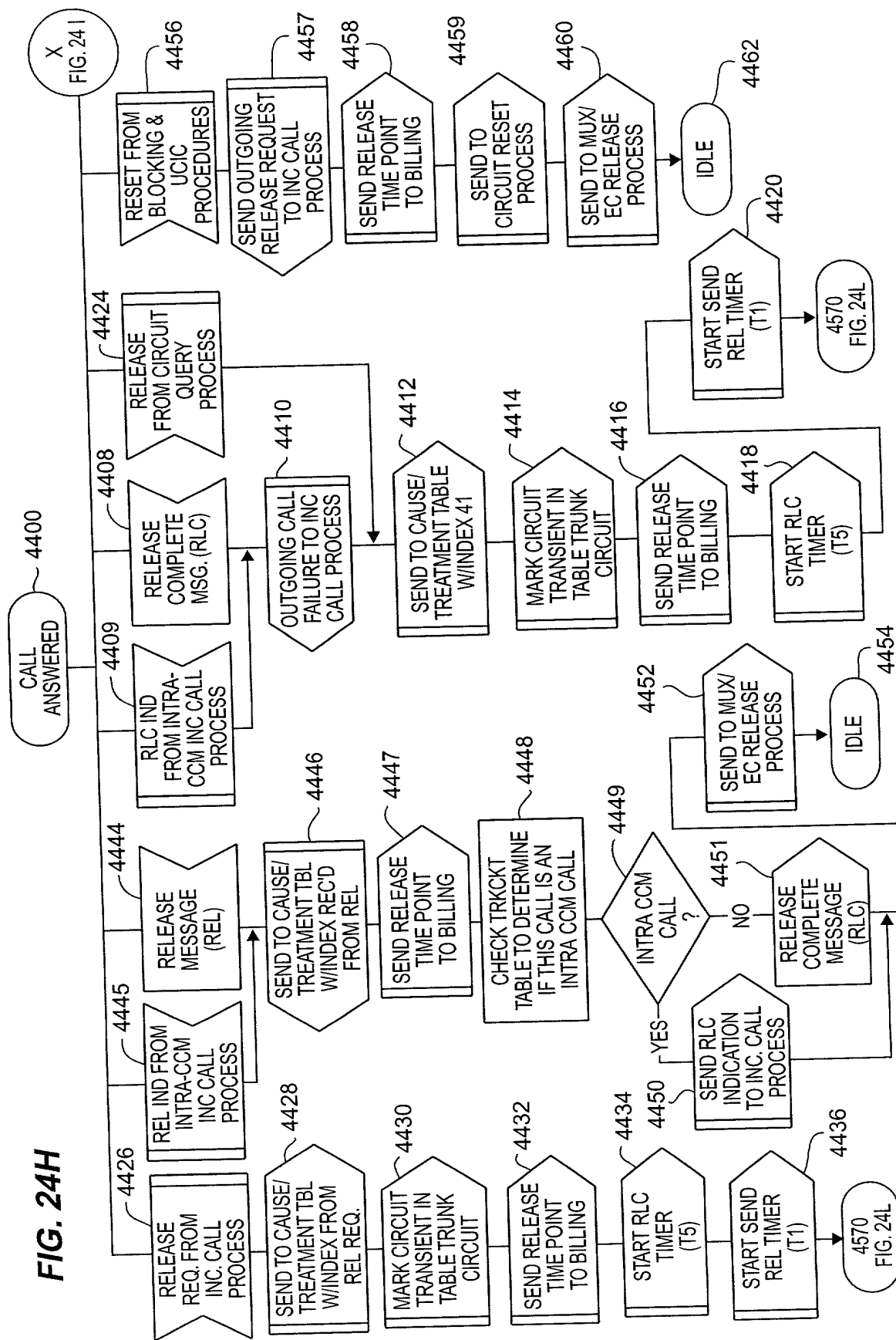


FIG. 24I

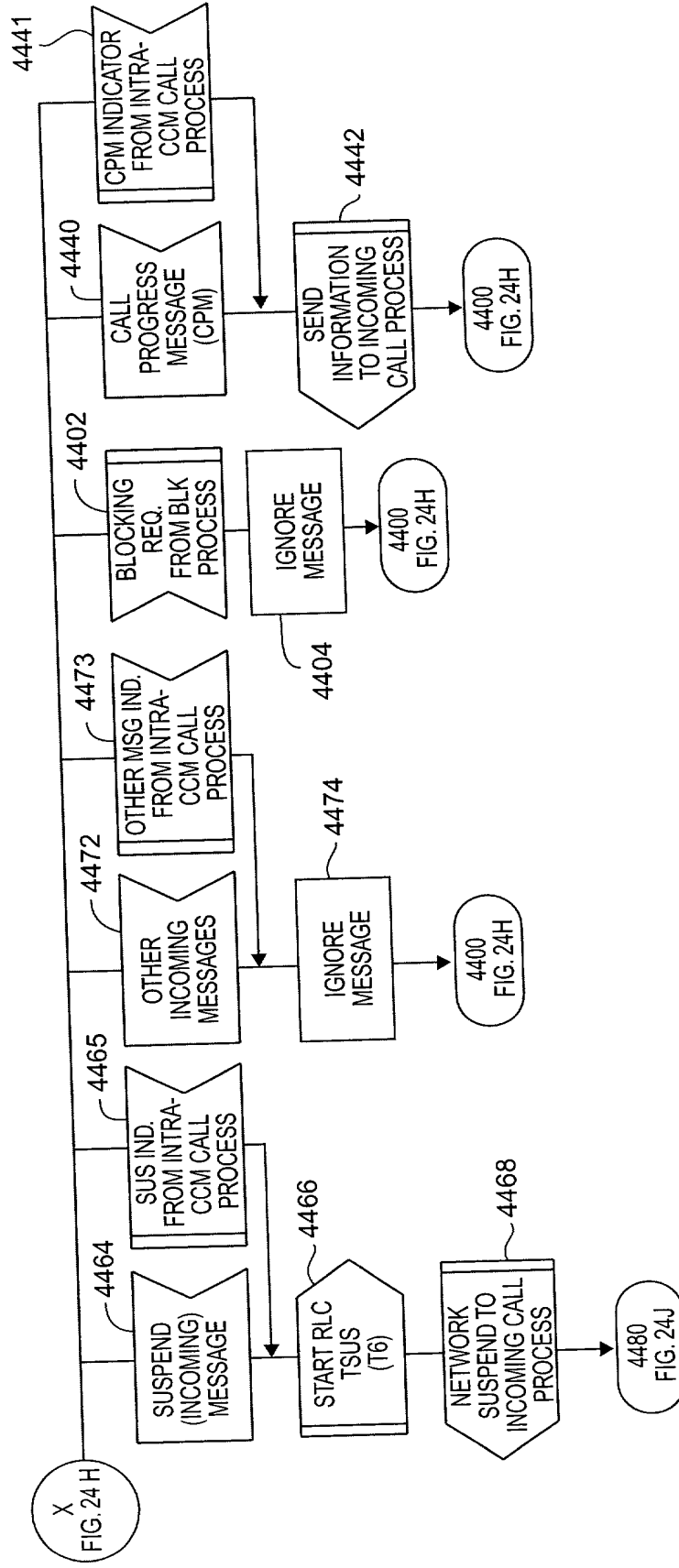
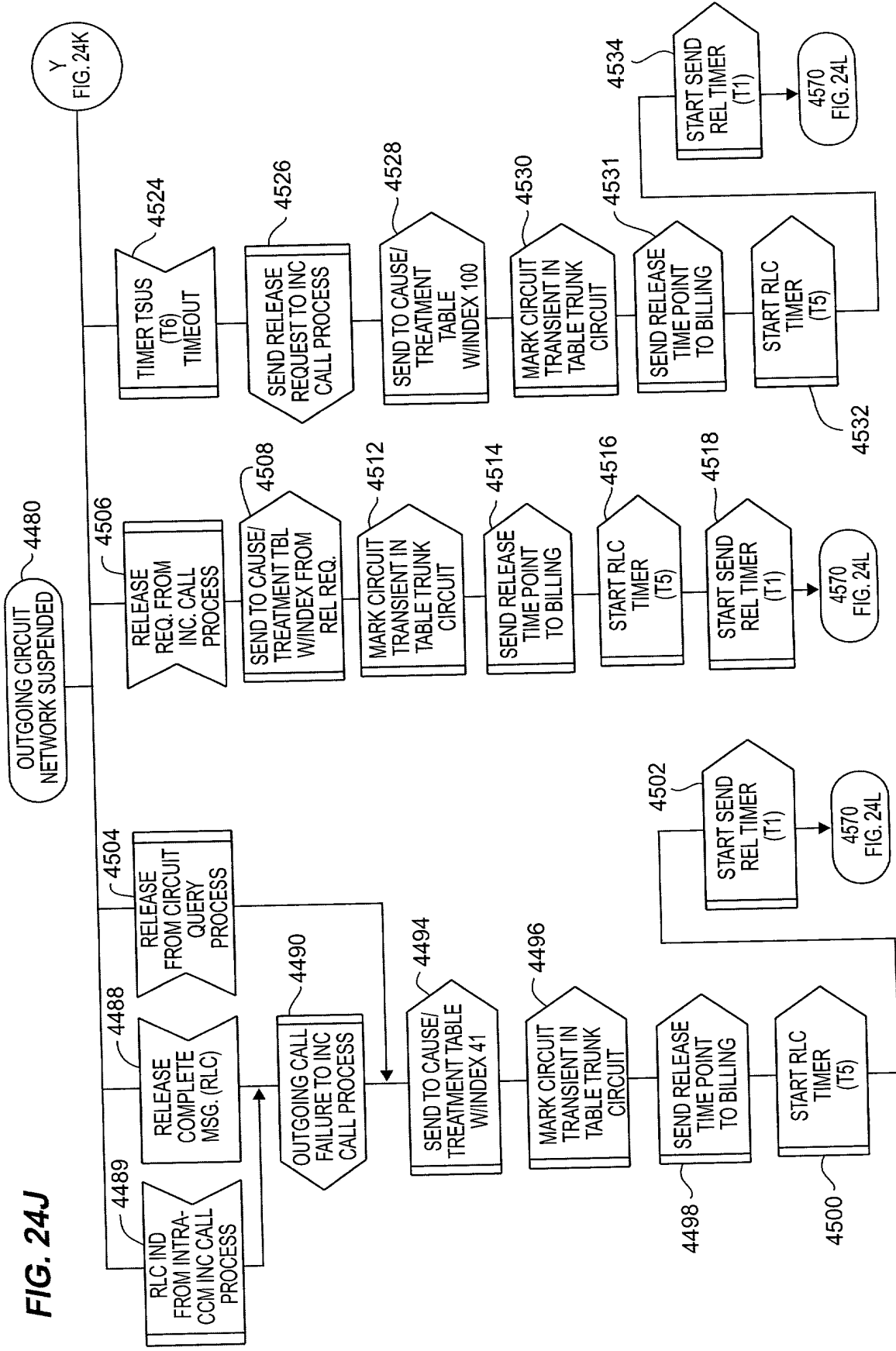


FIG. 24J



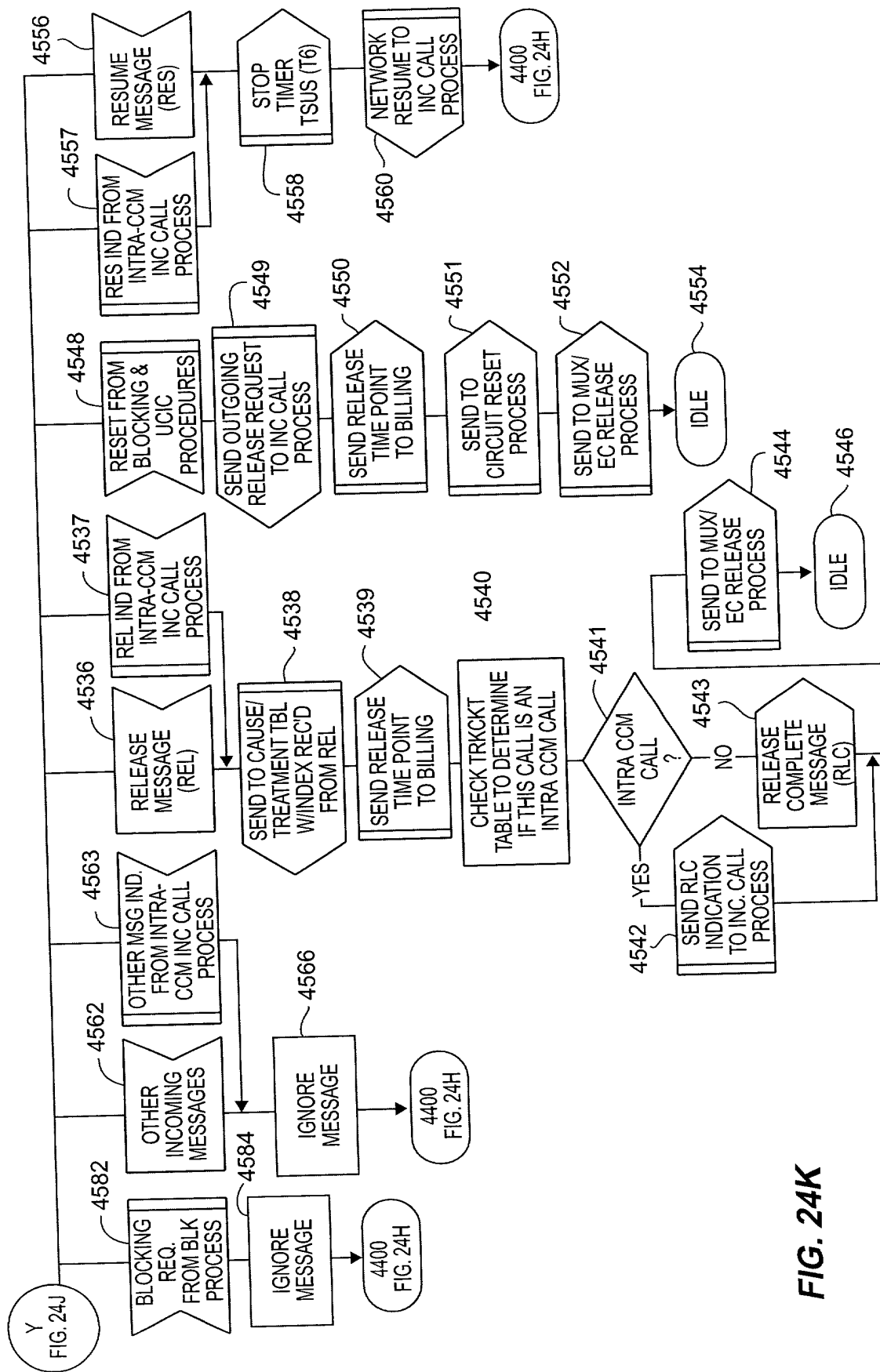


FIG. 24K

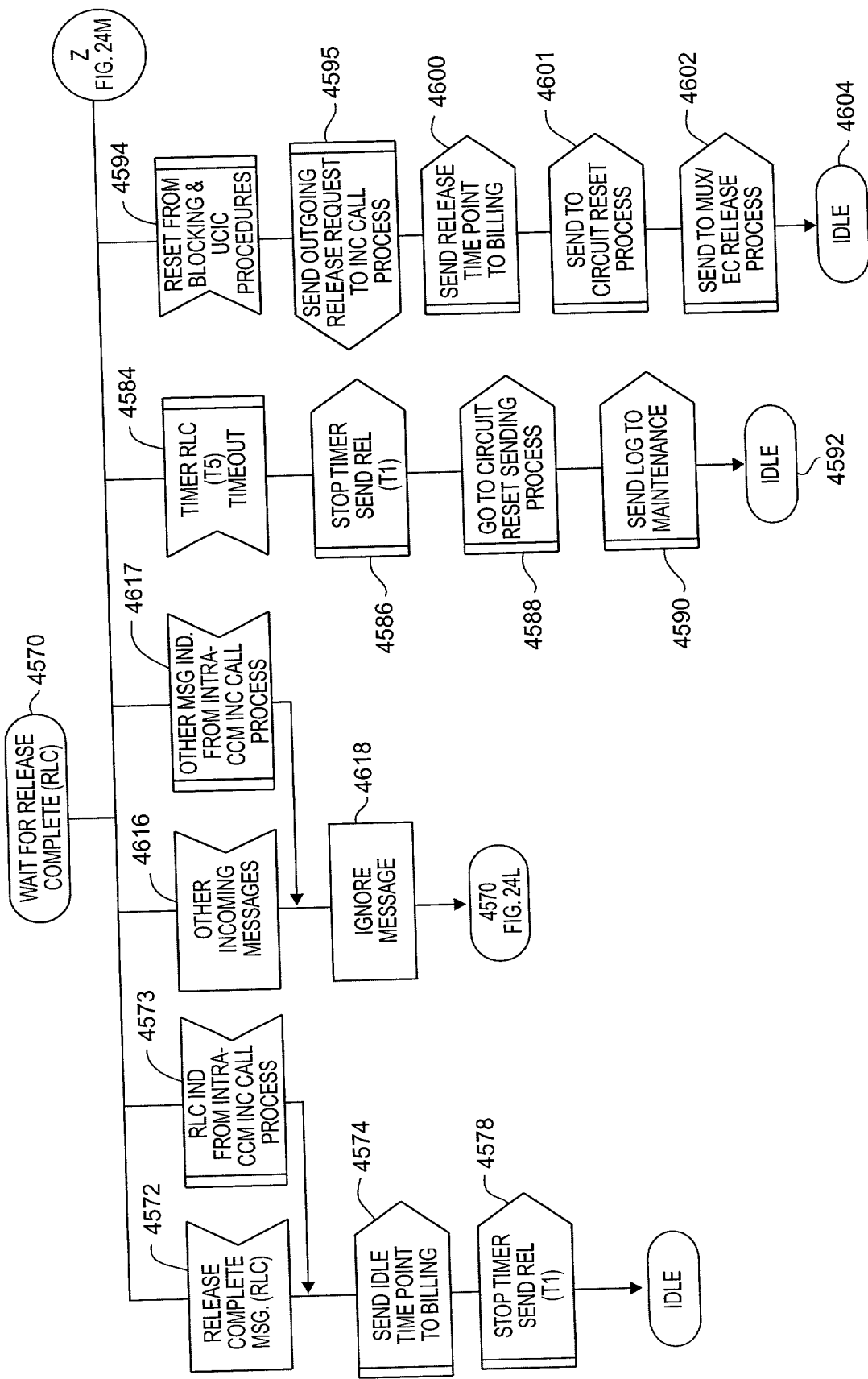


FIG. 24L

FIG. 24M

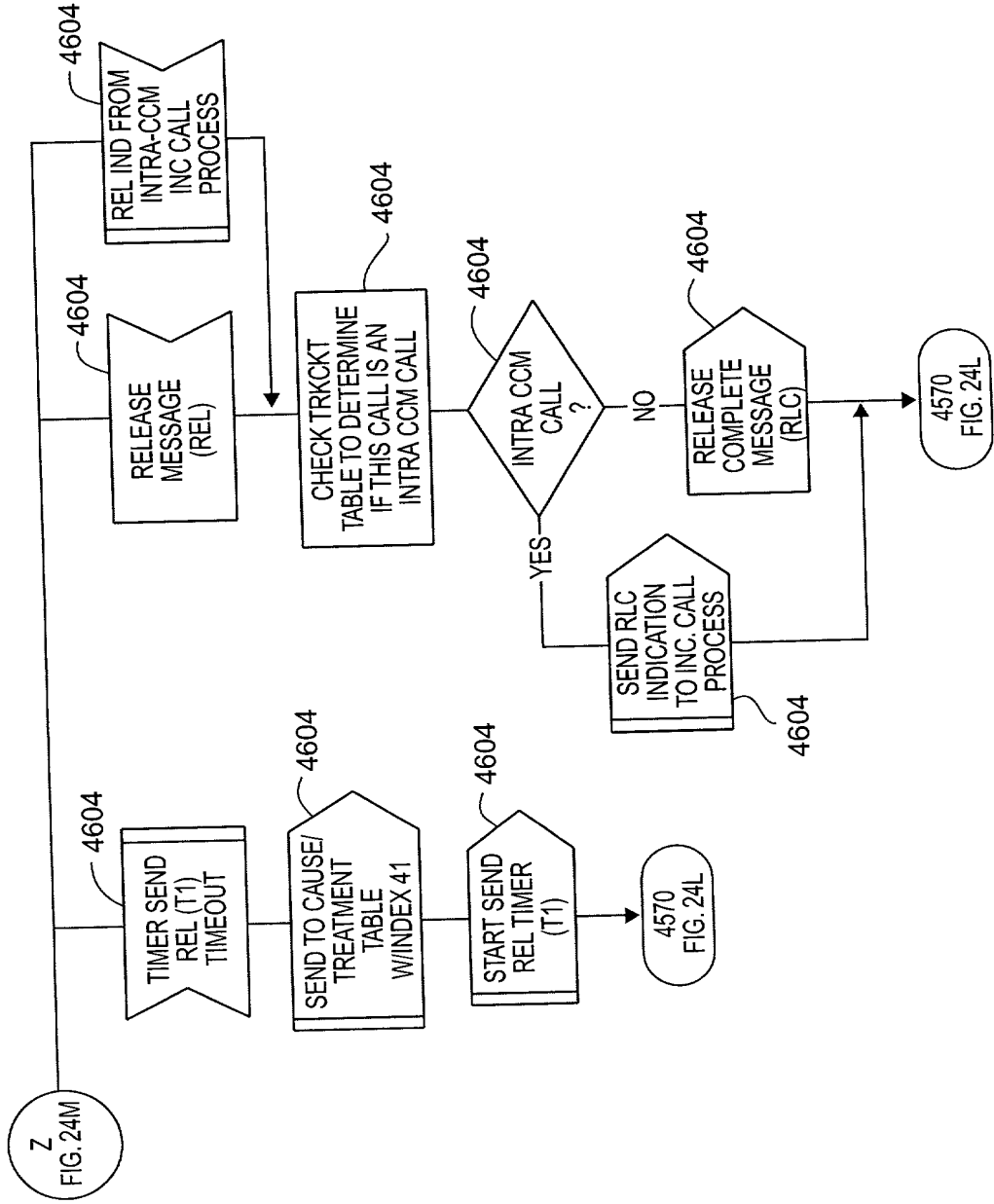


FIG. 24M

FIG. 25A

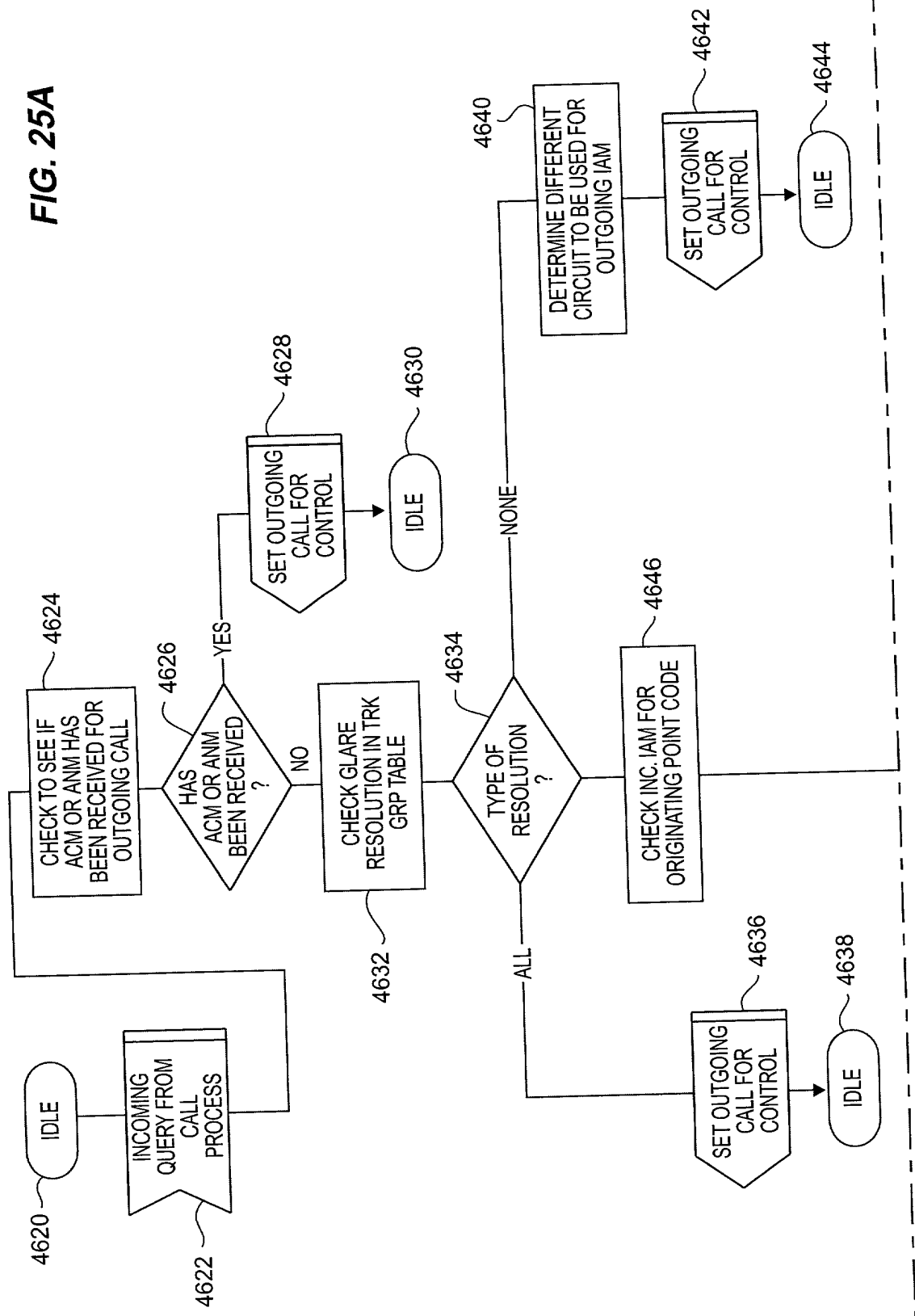


FIG. 25B

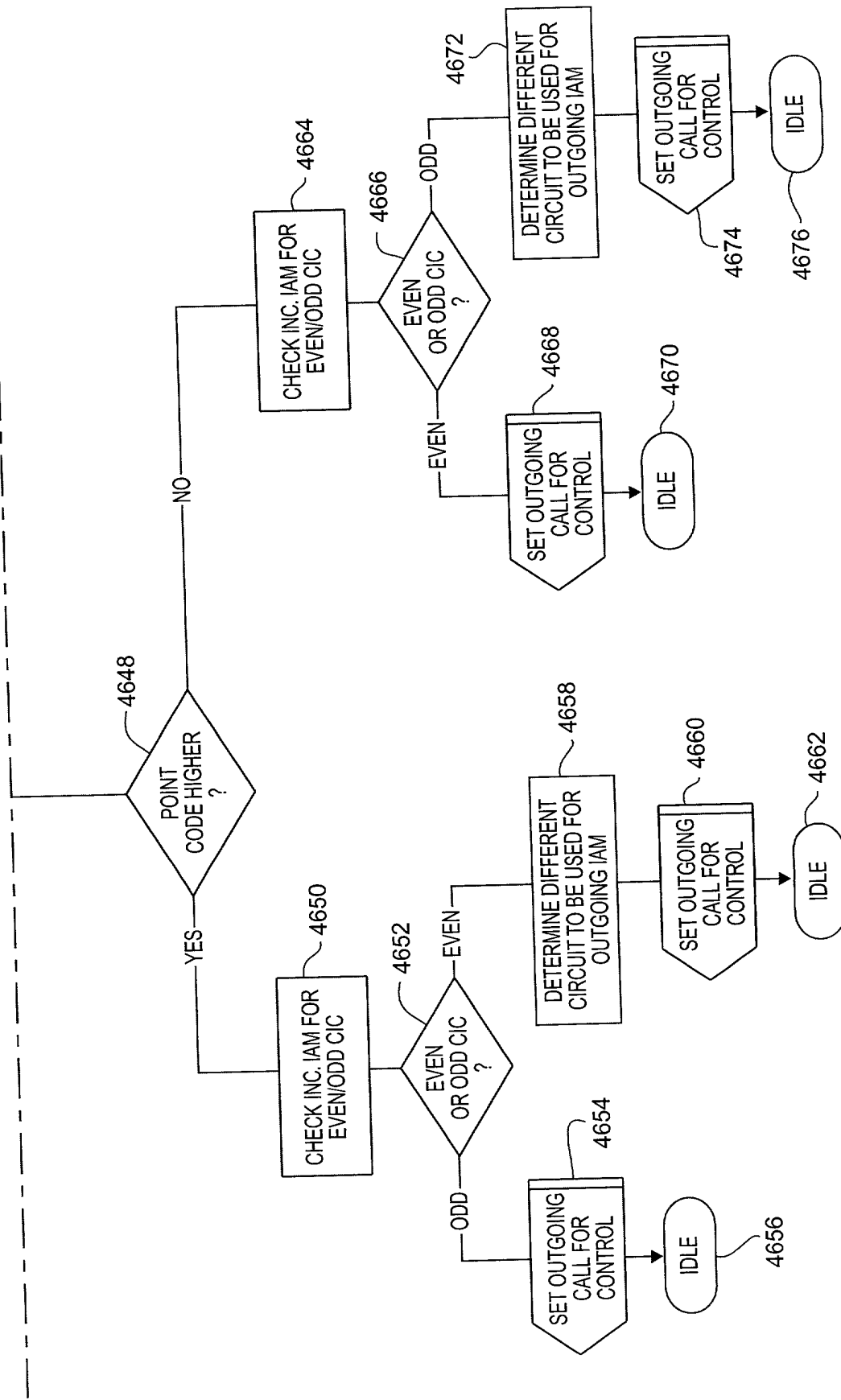
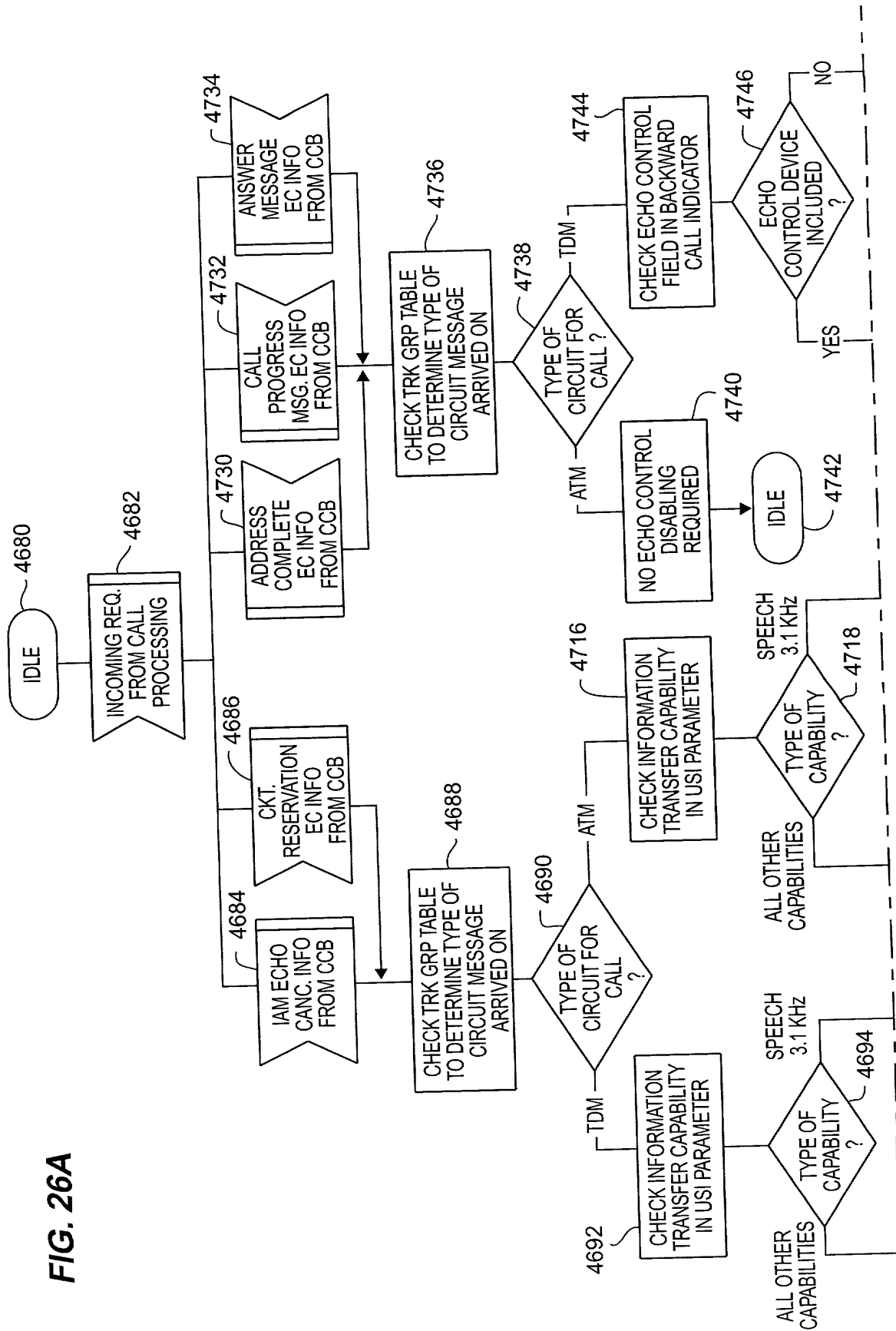


FIG. 26A



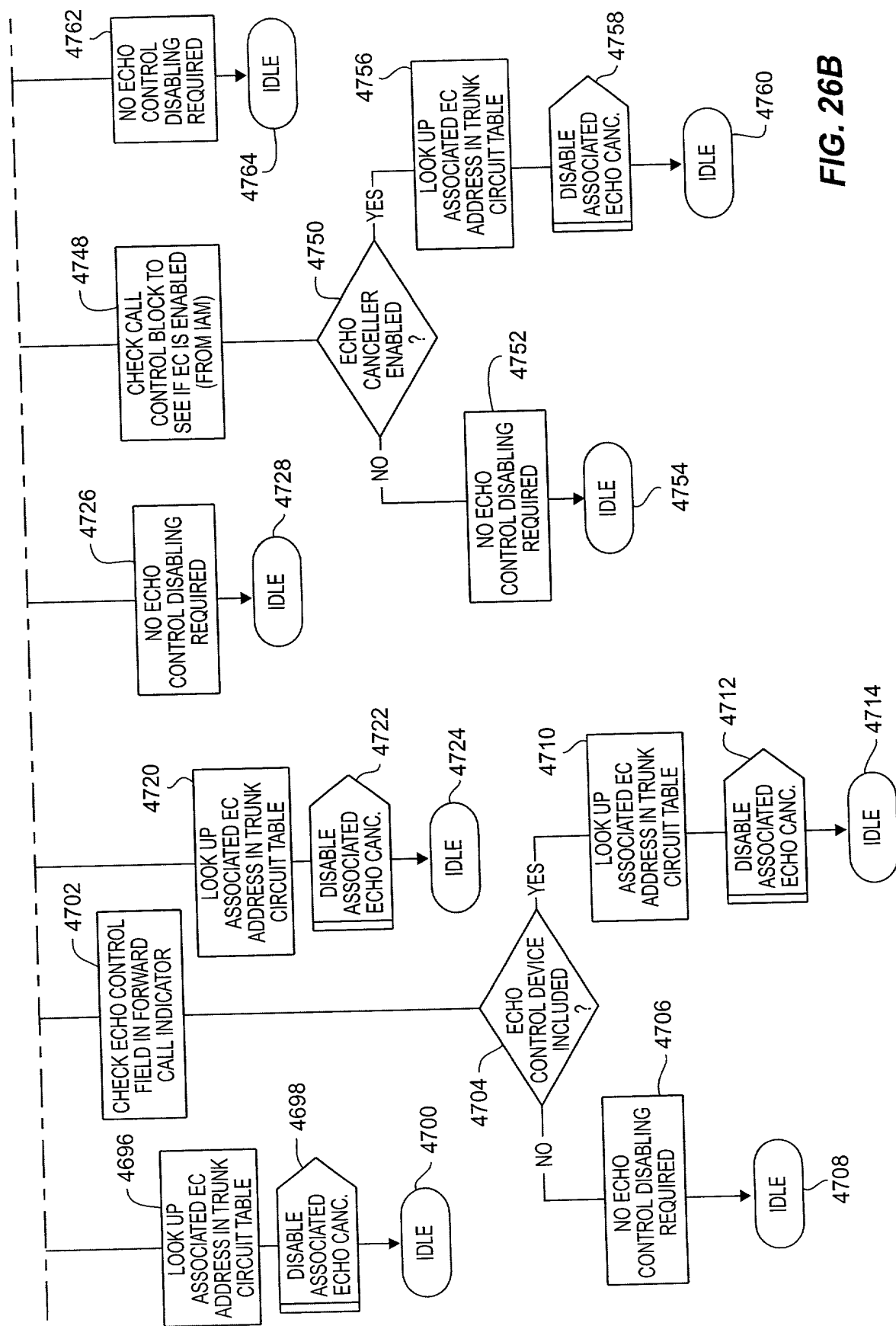
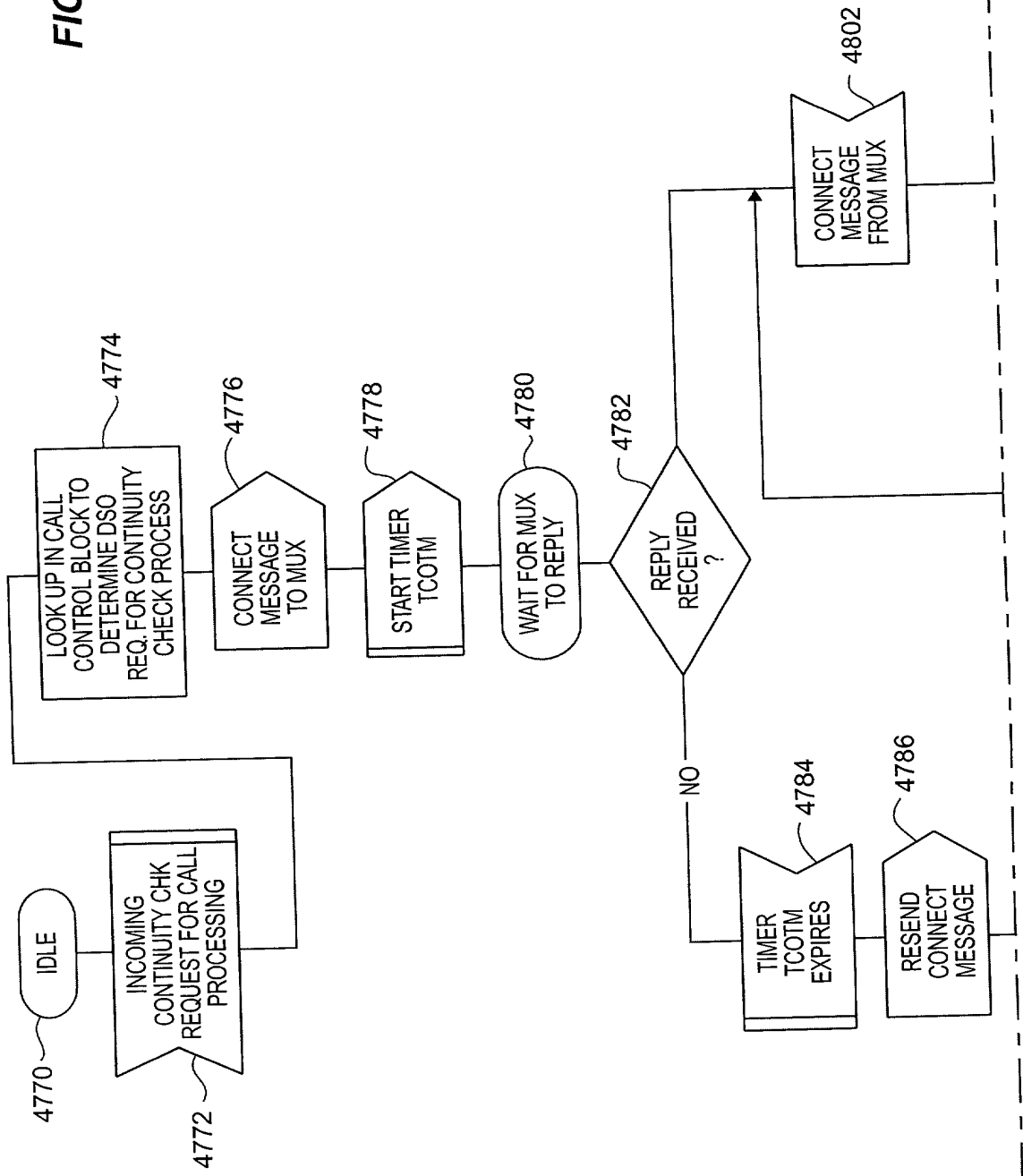


FIG. 26B

FIG. 27A



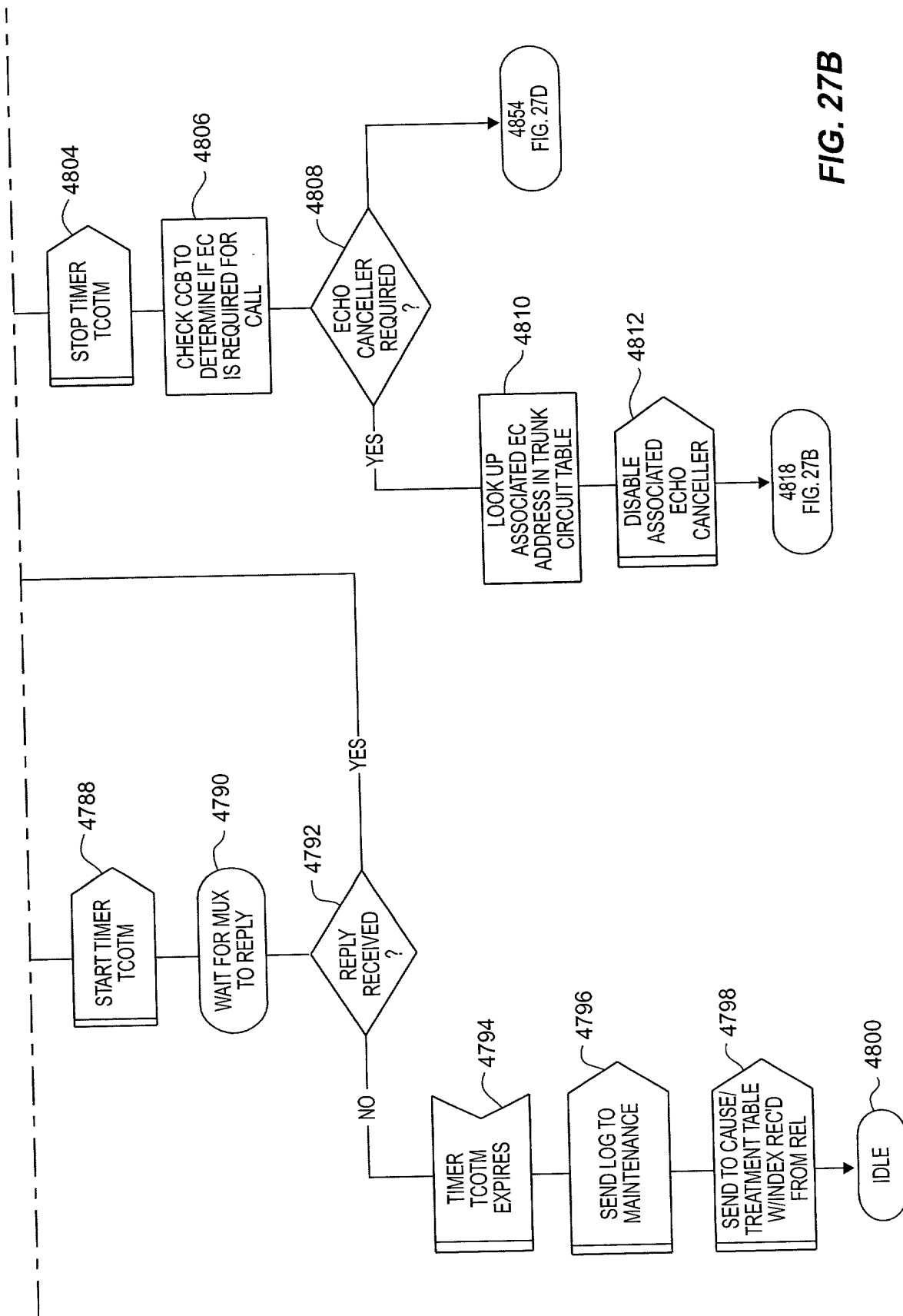
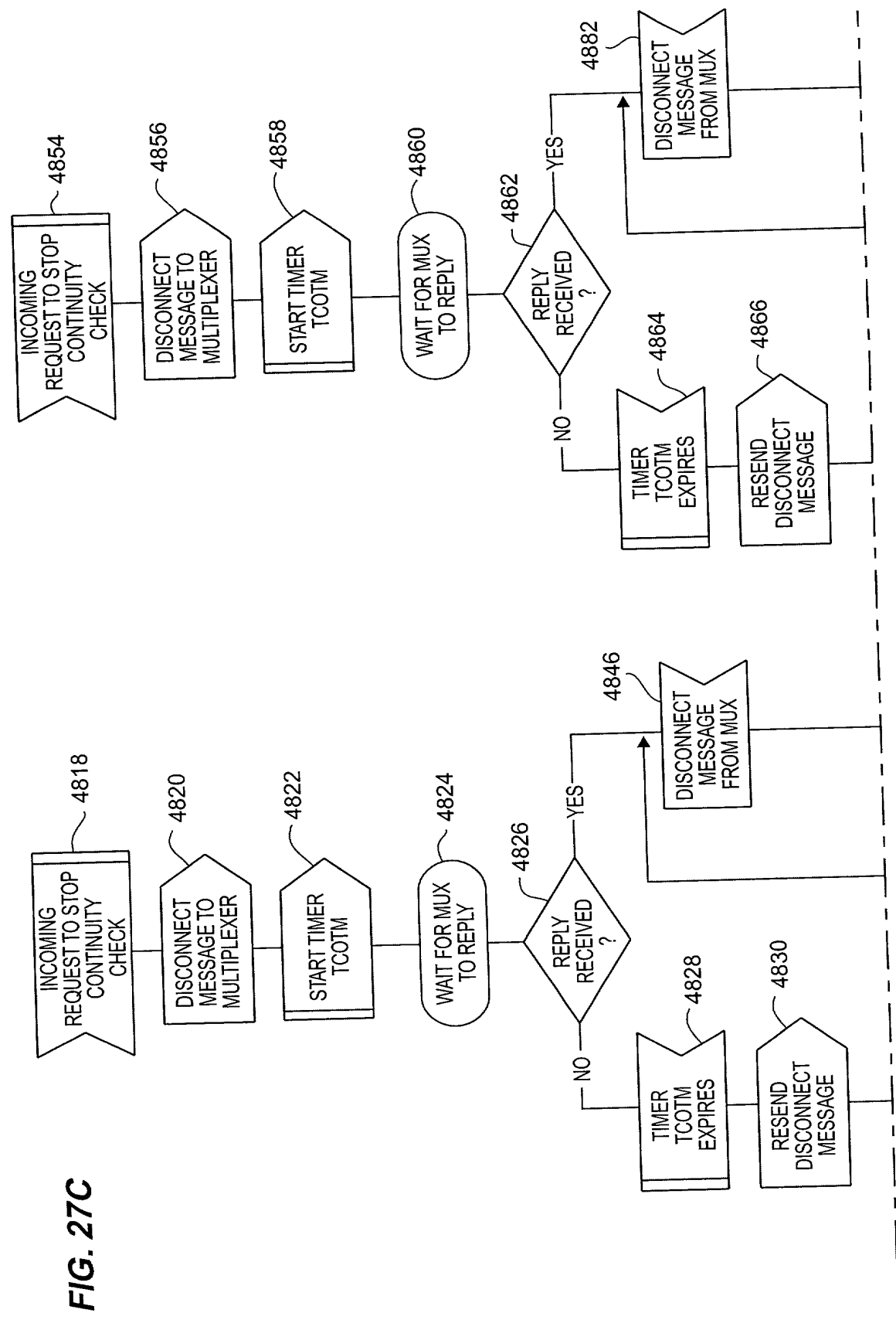


FIG. 27B

FIG. 27C



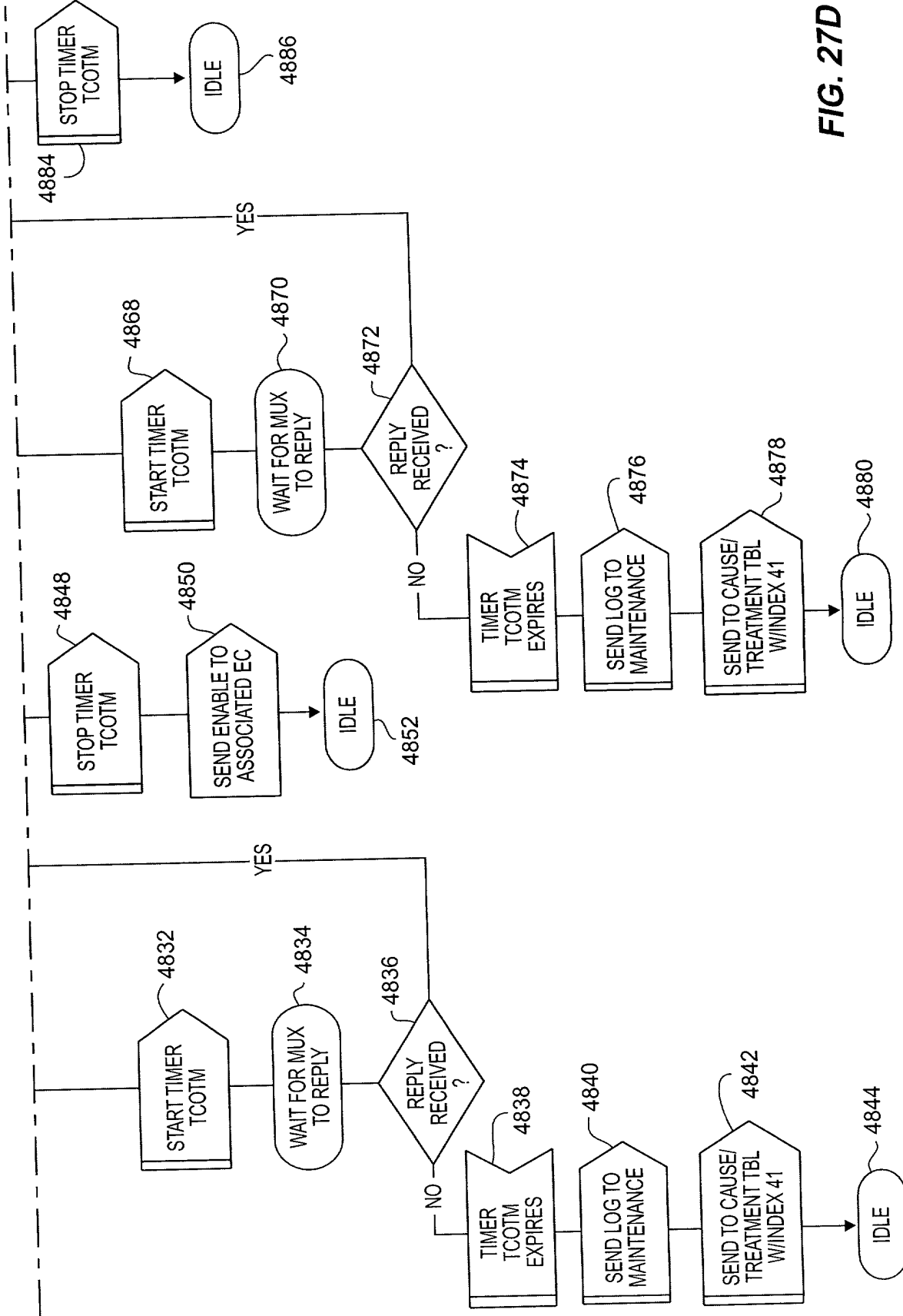
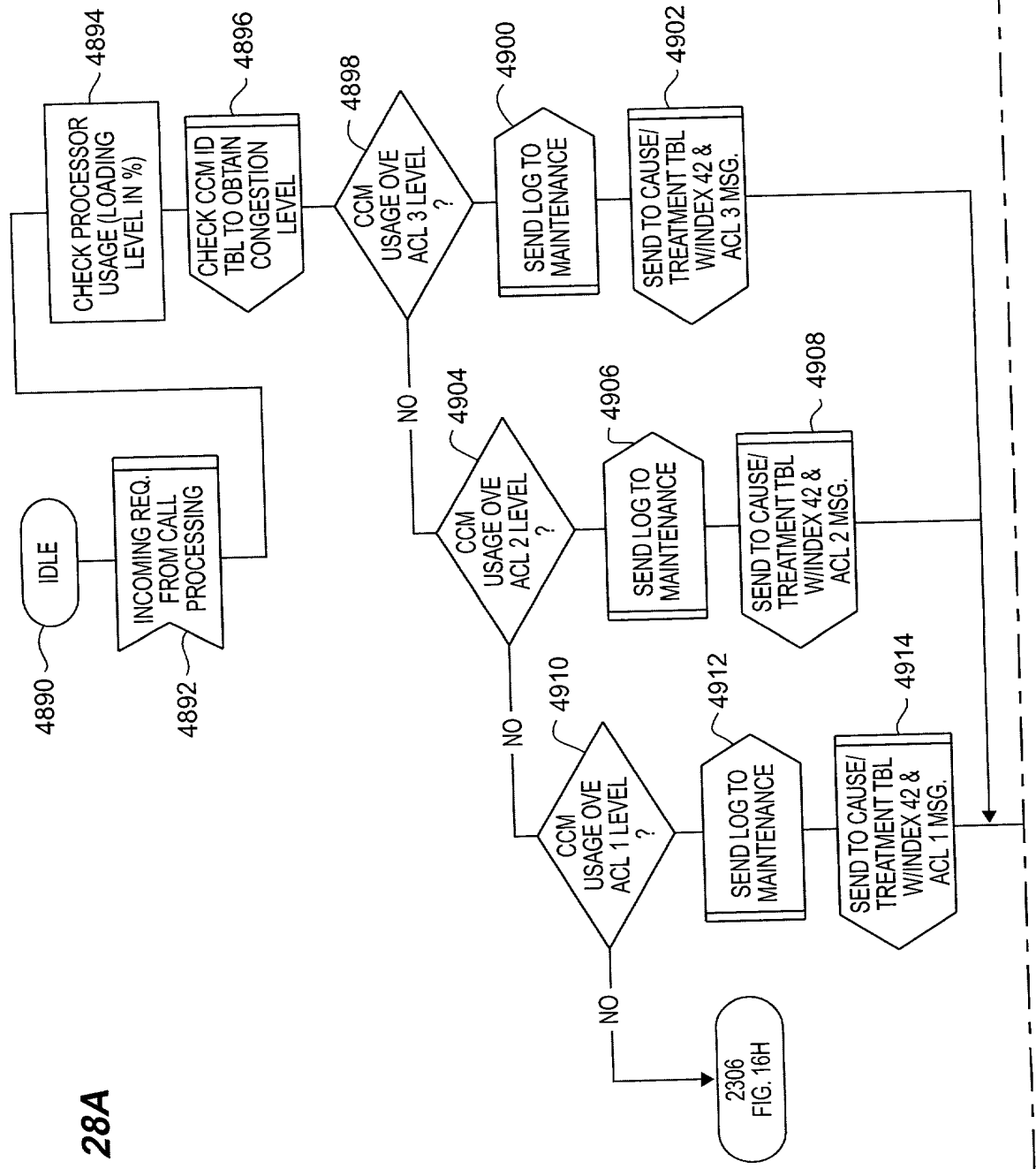


FIG. 27D

FIG. 28A



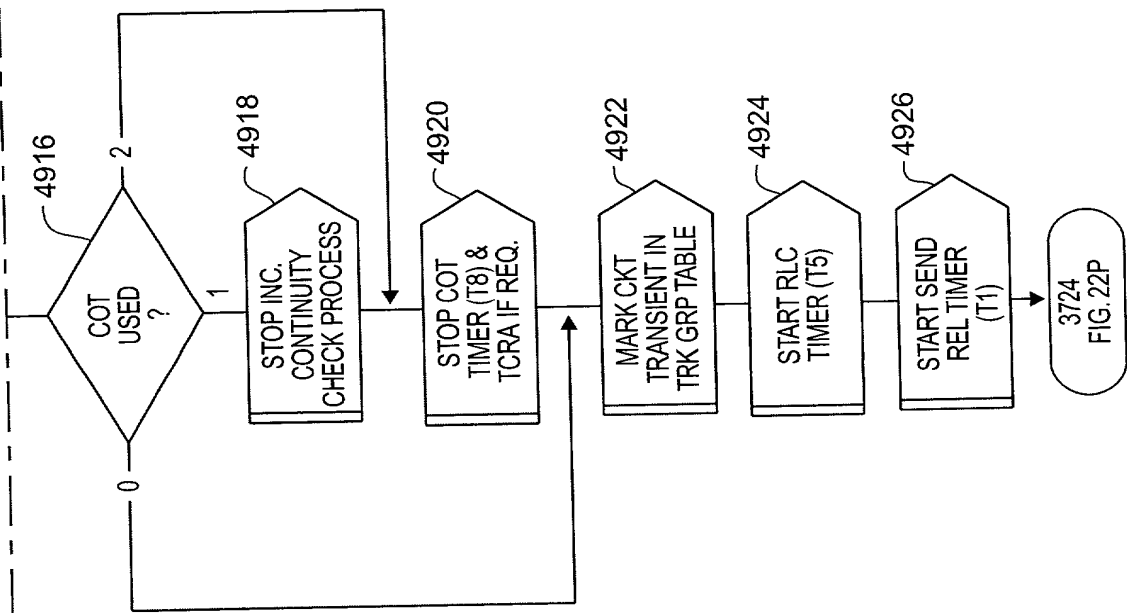
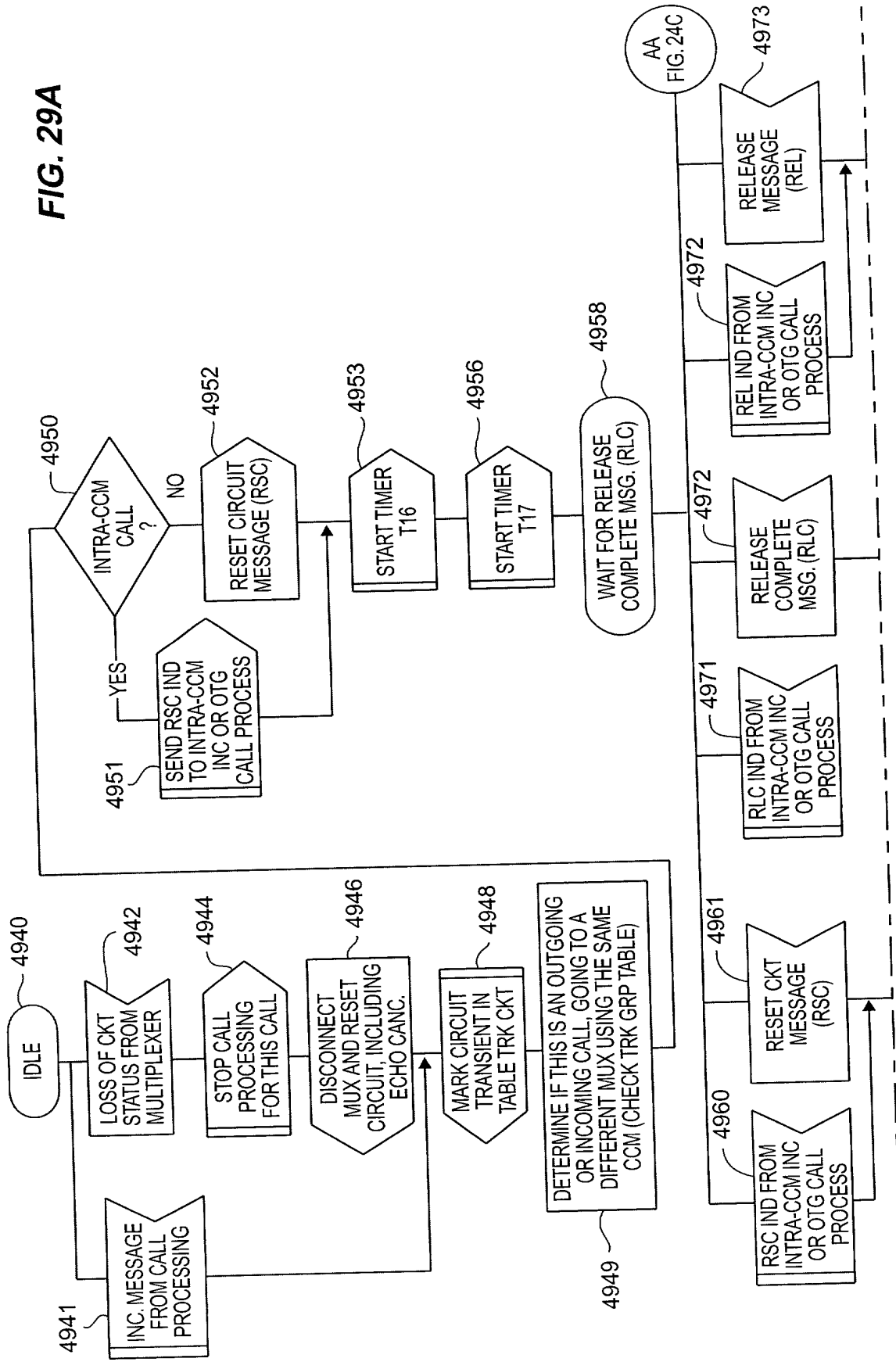


FIG. 28B

FIG. 29A



AA
FIG. 24C

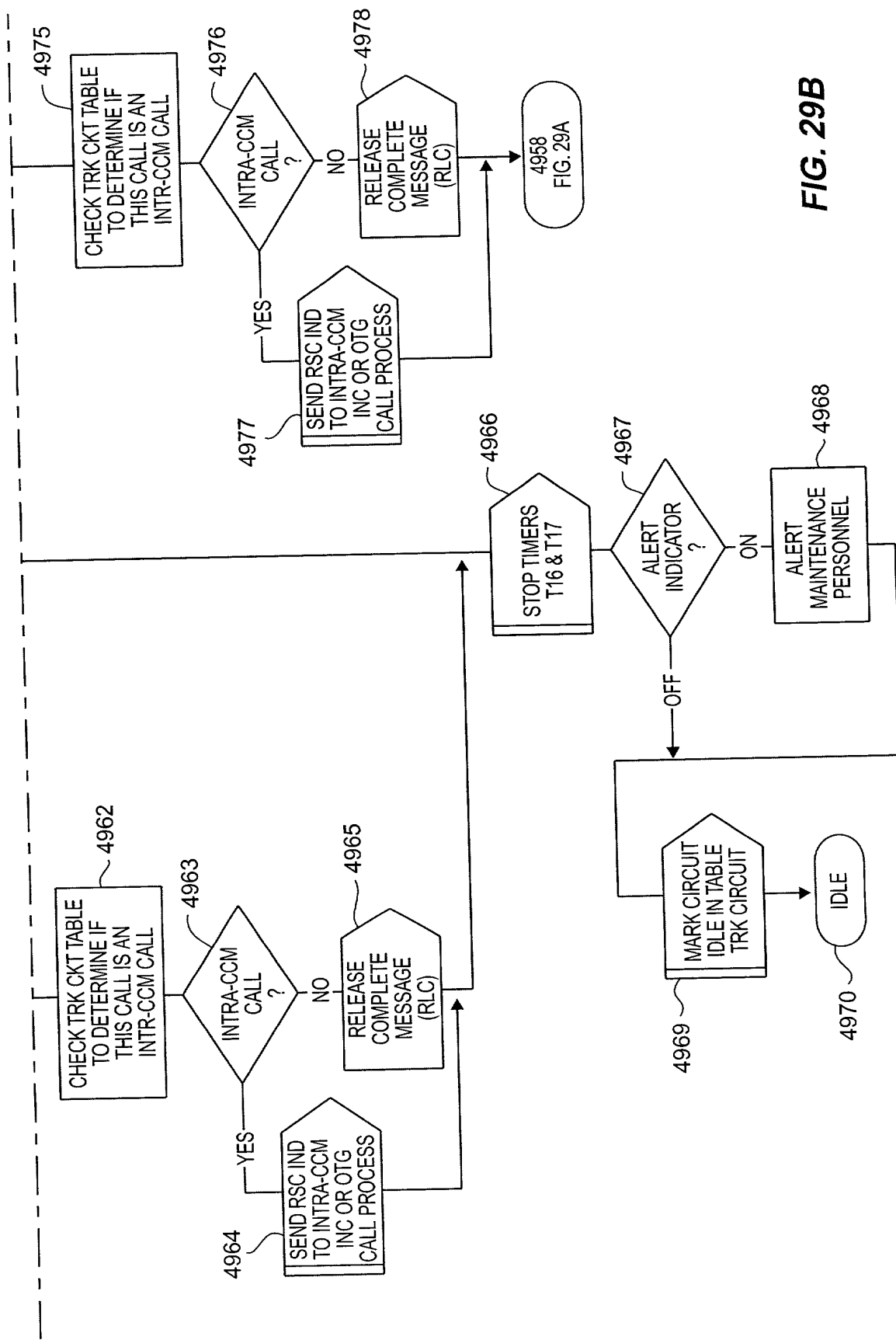


FIG. 29B

FIG. 29C

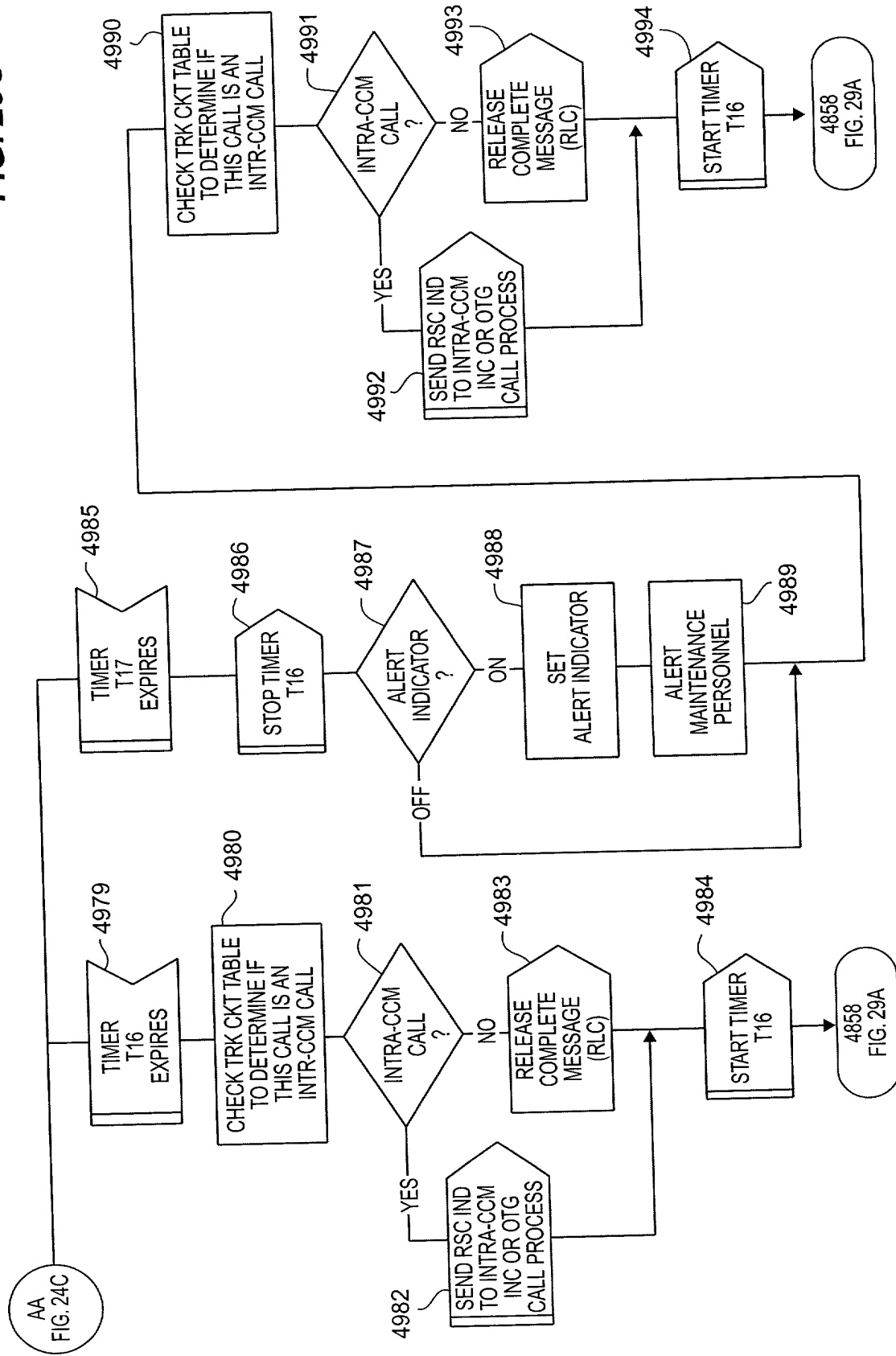


FIG. 30A

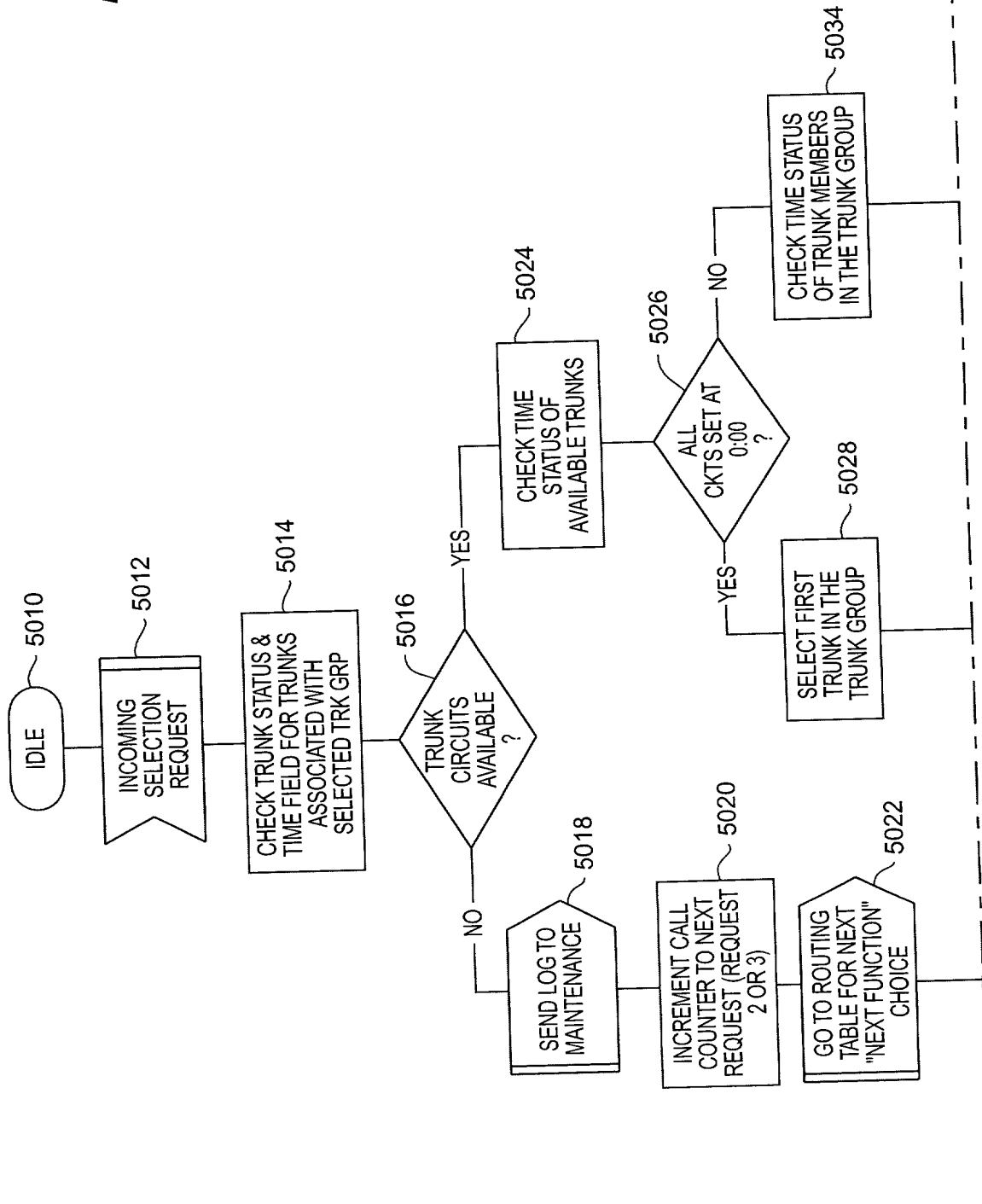


FIG. 30B

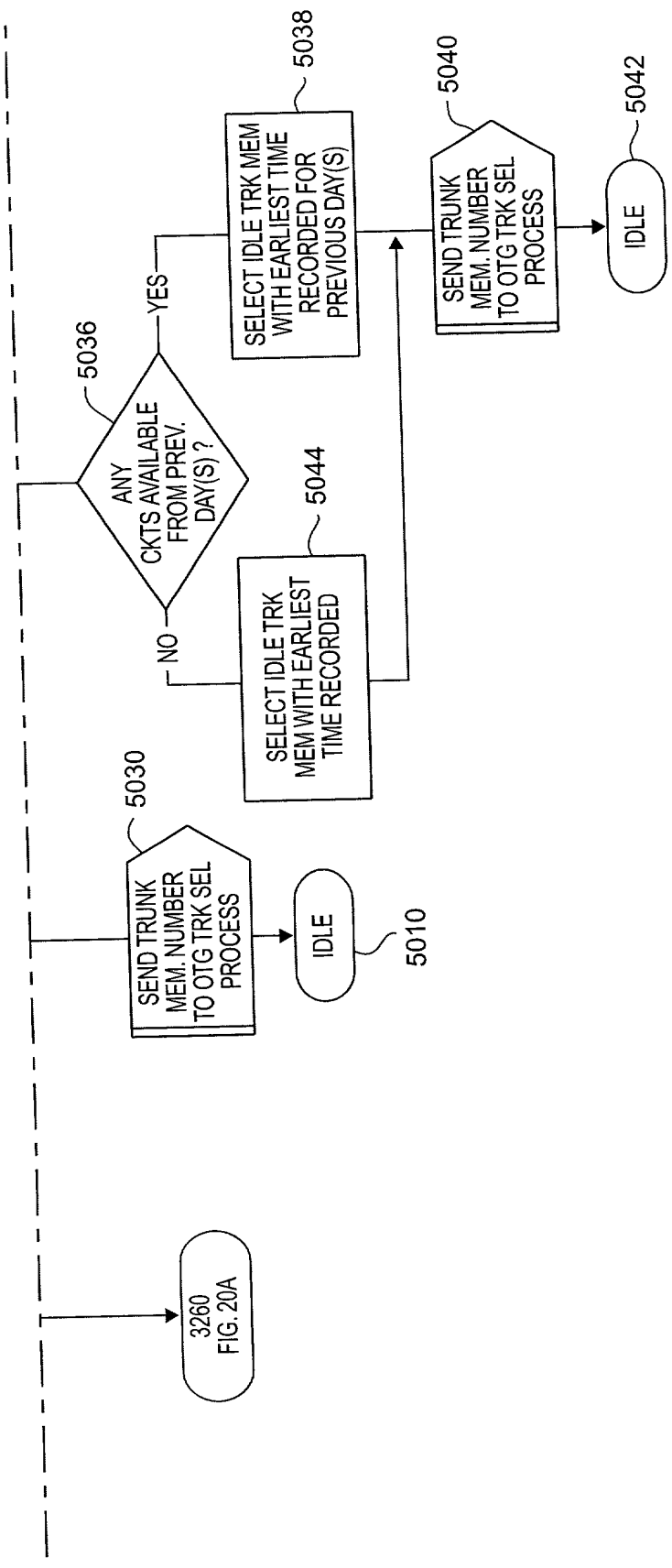
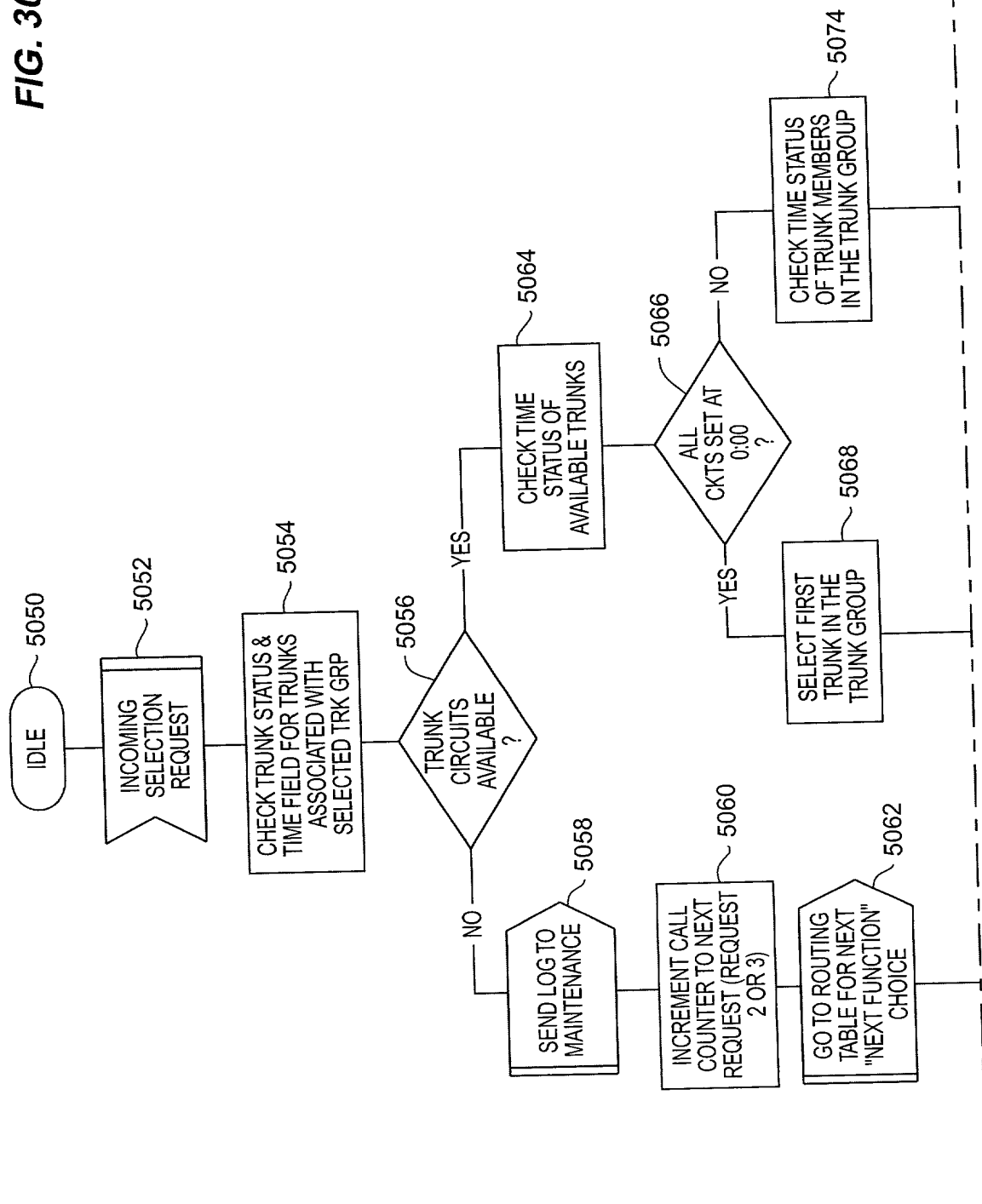


FIG. 30B

FIG. 30C



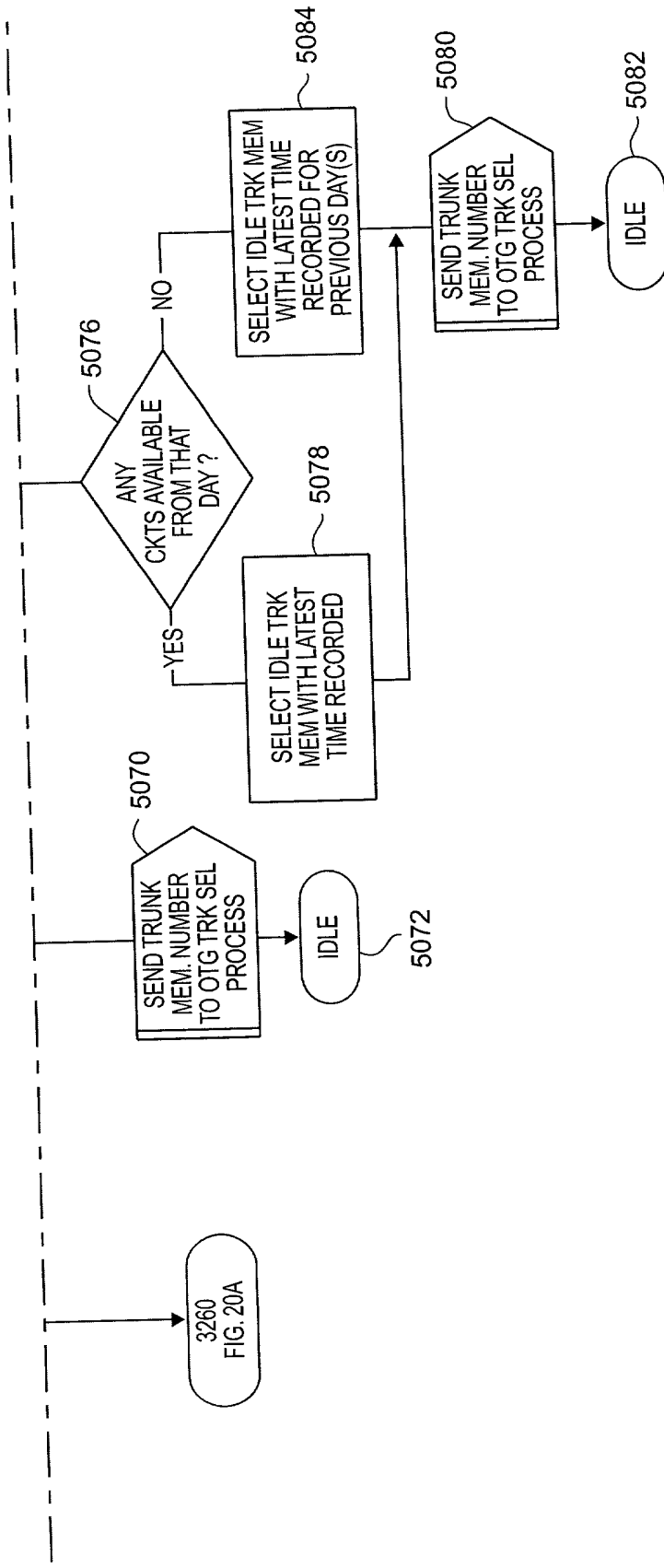
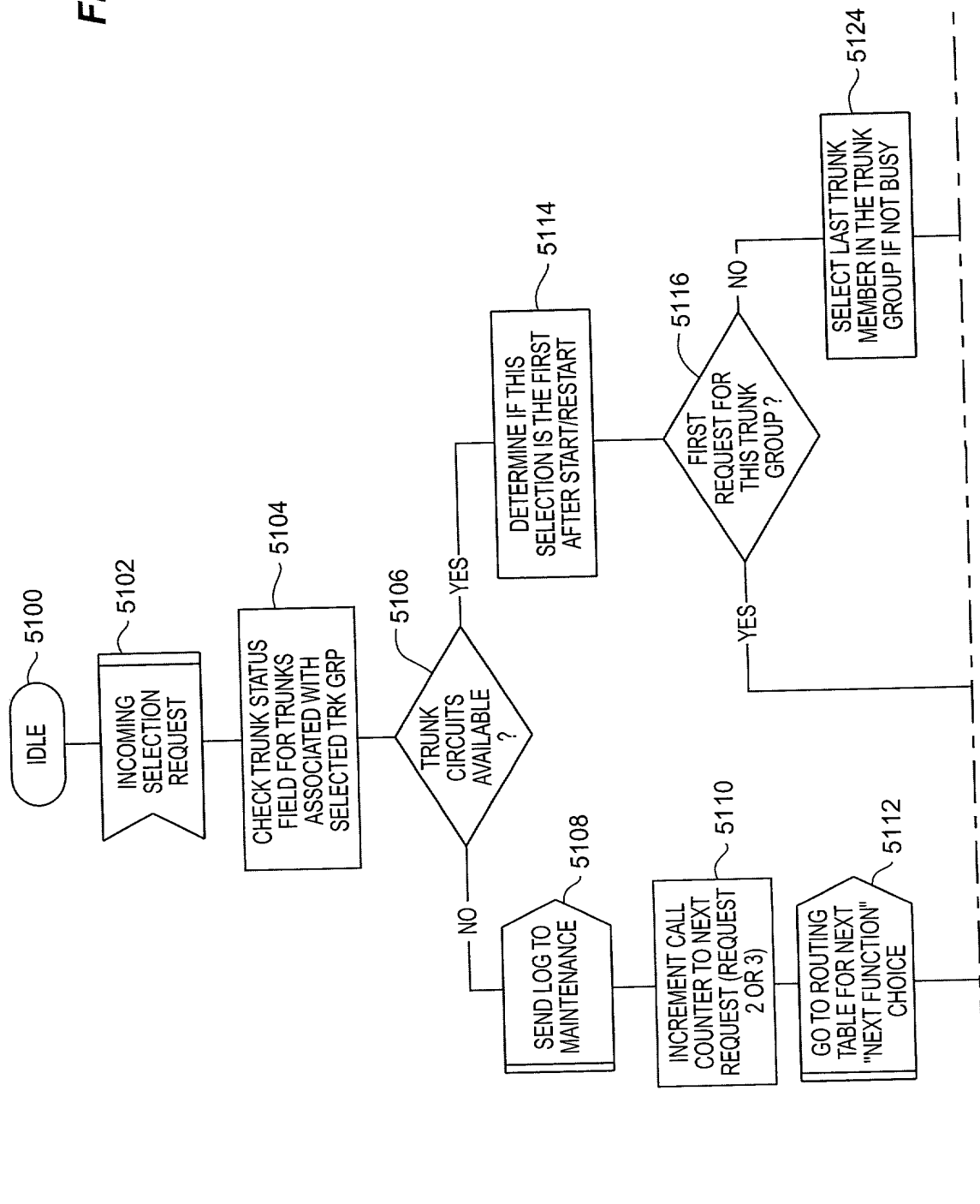


FIG. 30D

FIG. 30E



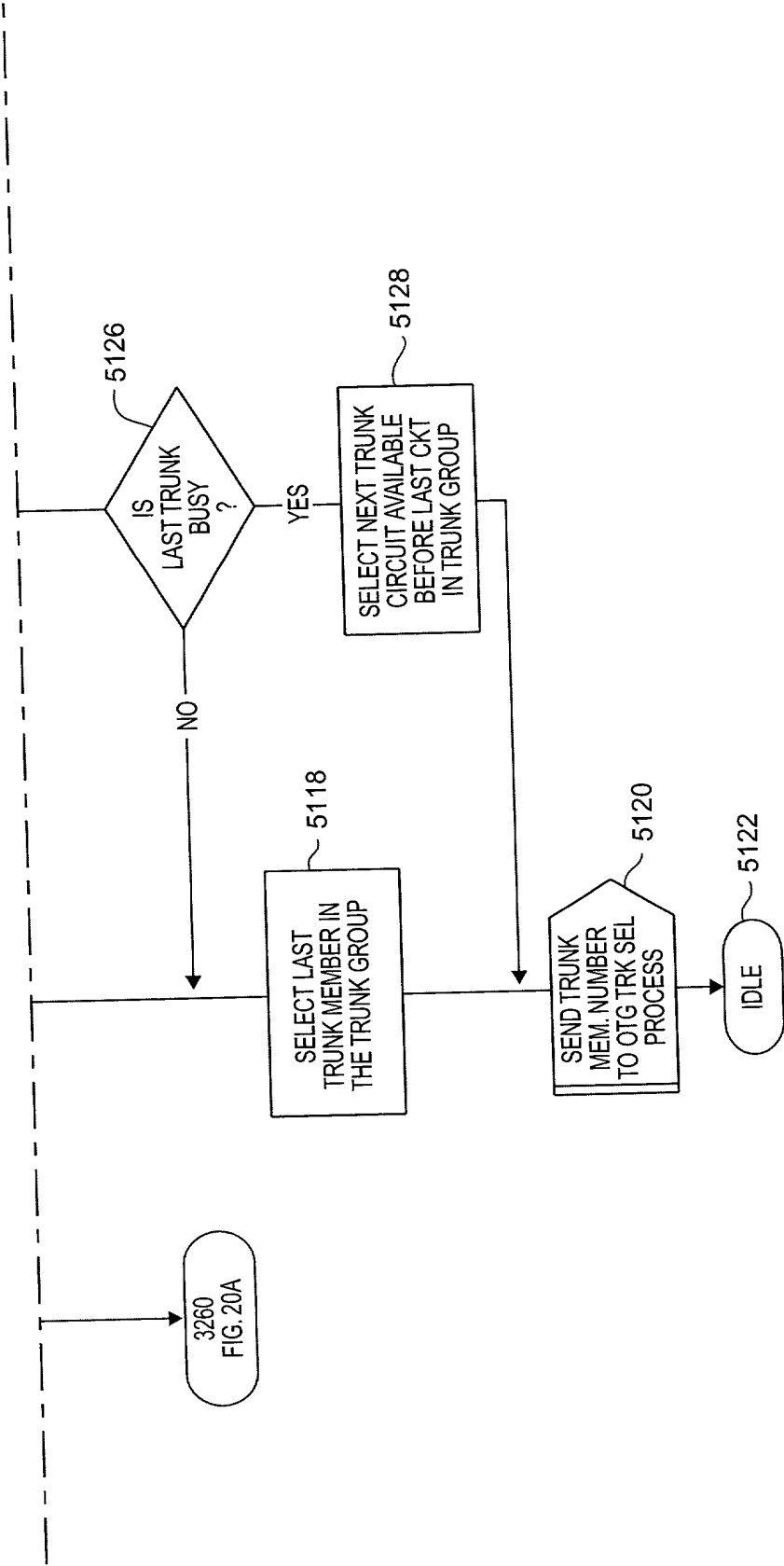
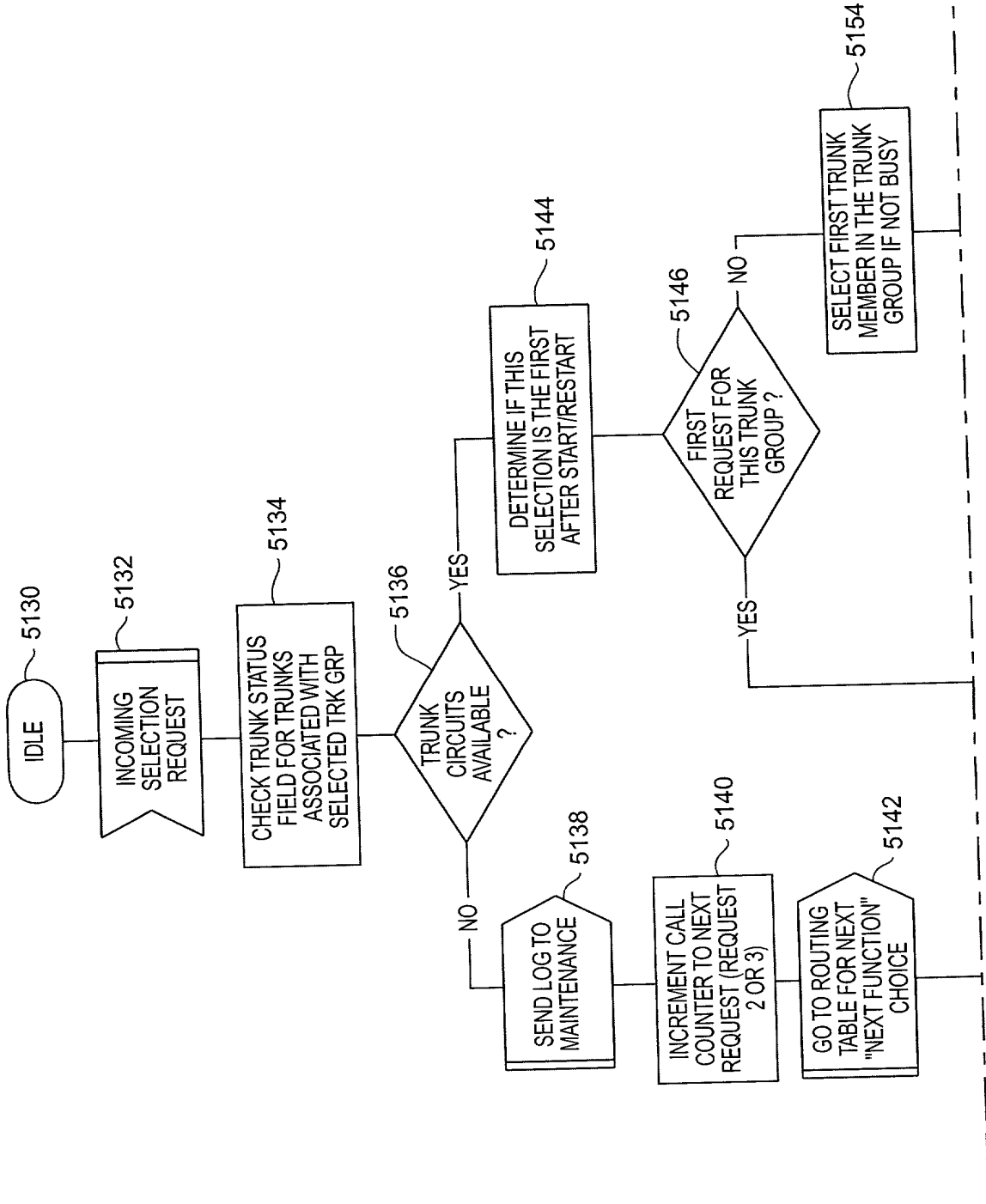


FIG. 30F

FIG. 30G



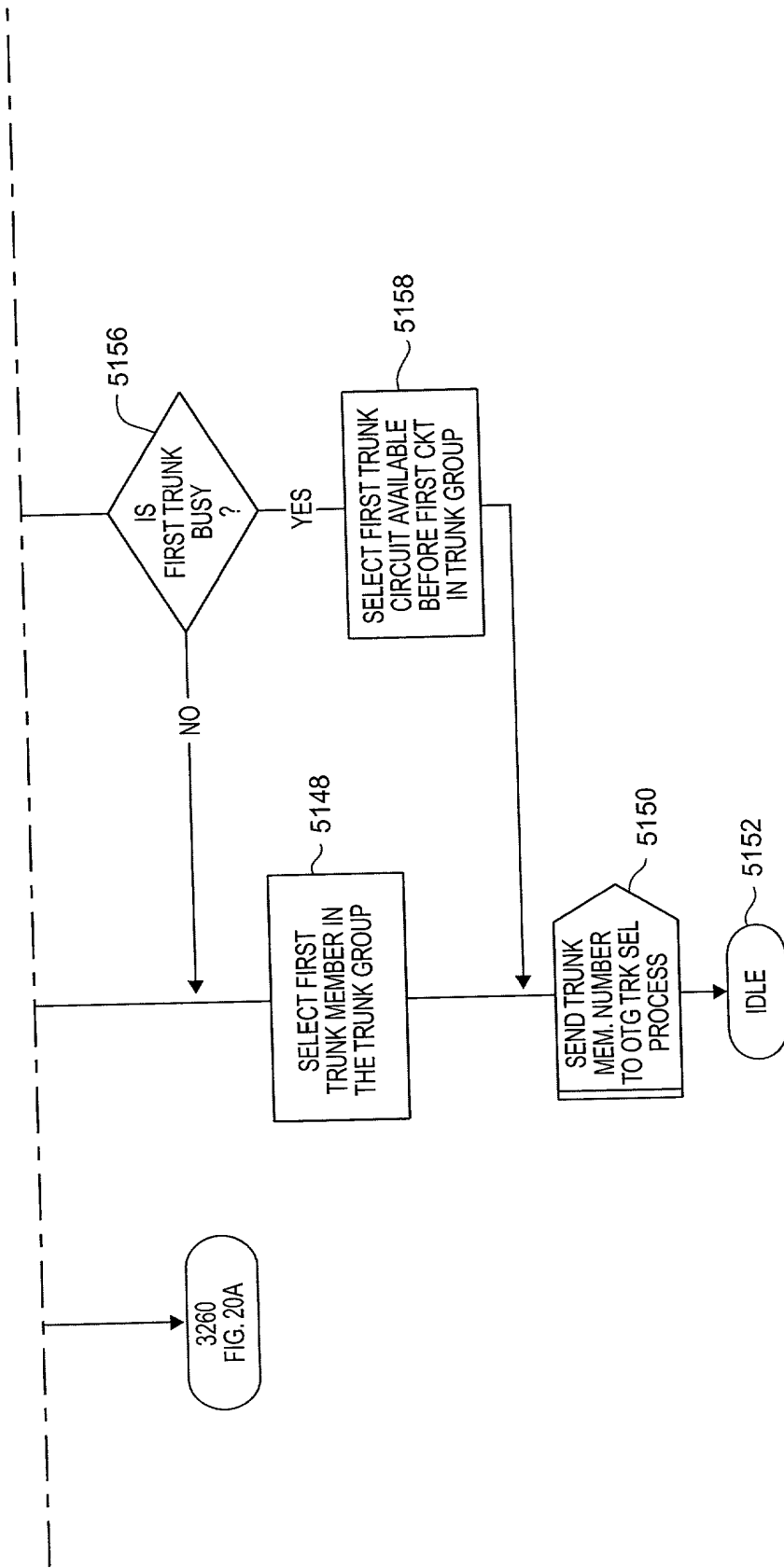
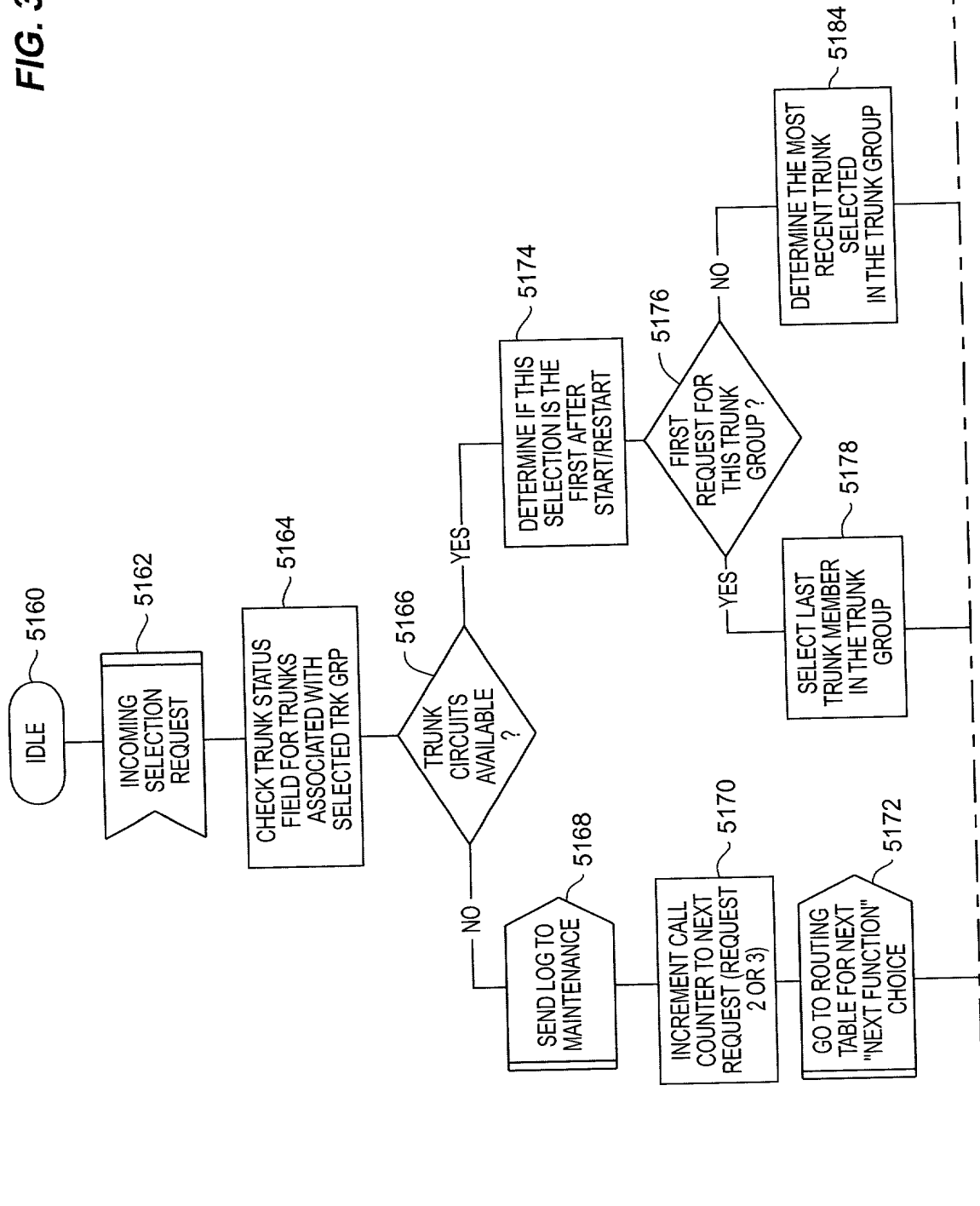


FIG. 30H

FIG. 30 I



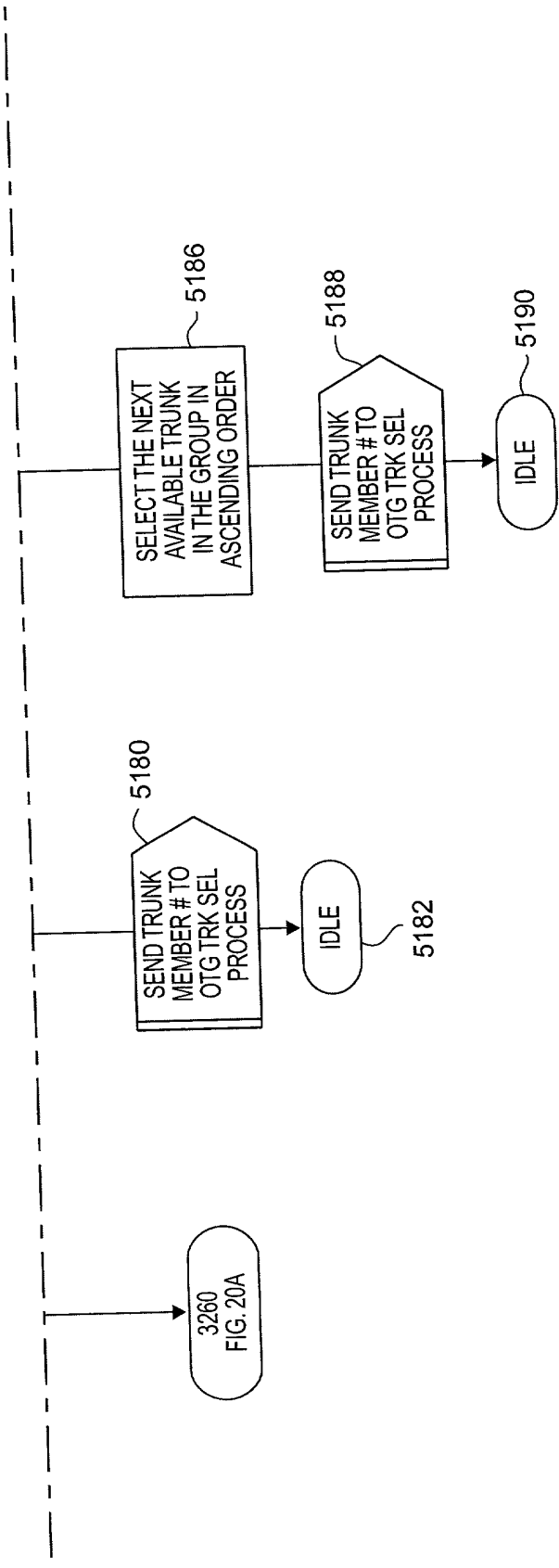


FIG. 30J

FIG. 30K

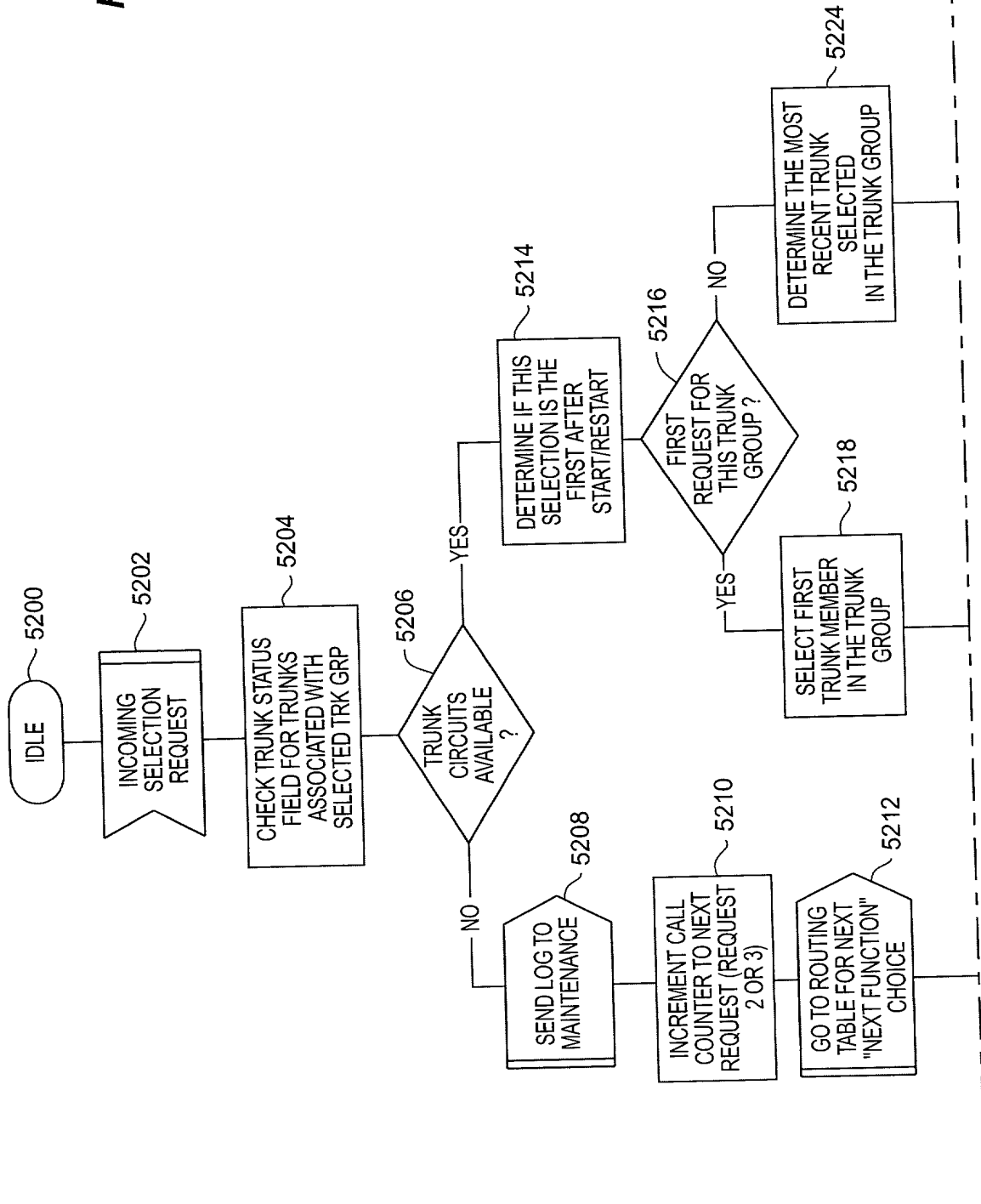


FIG. 30L

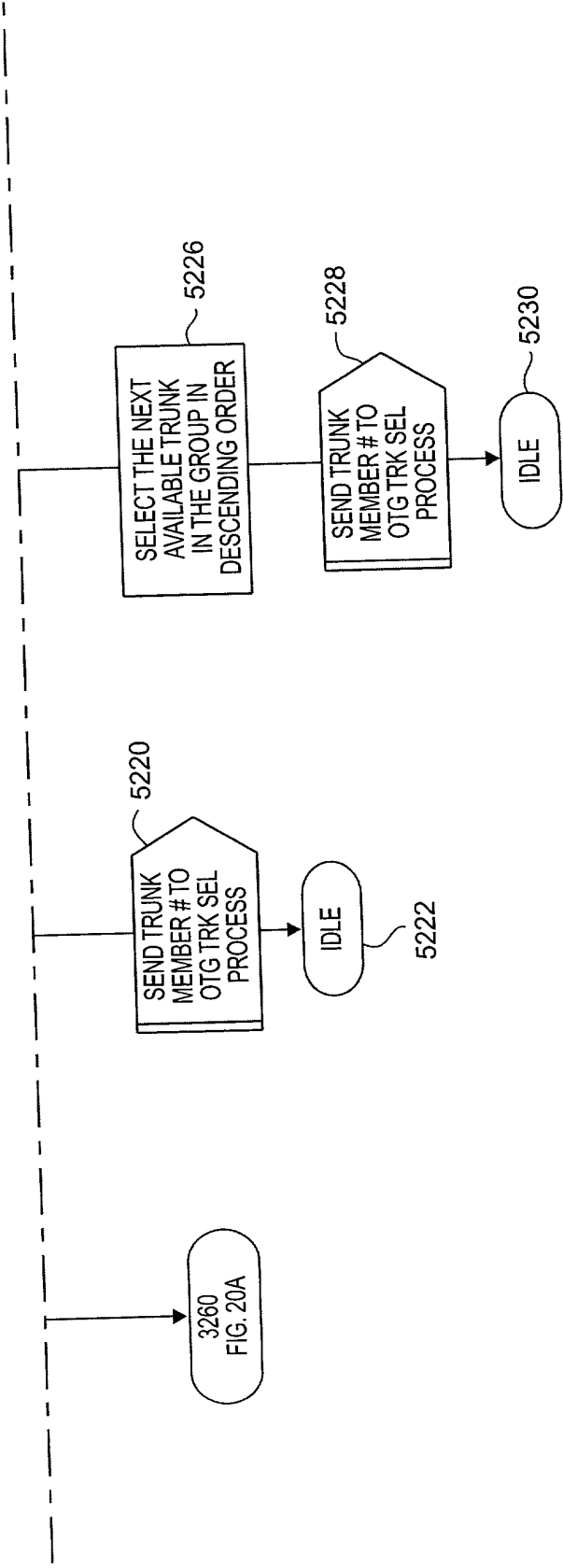
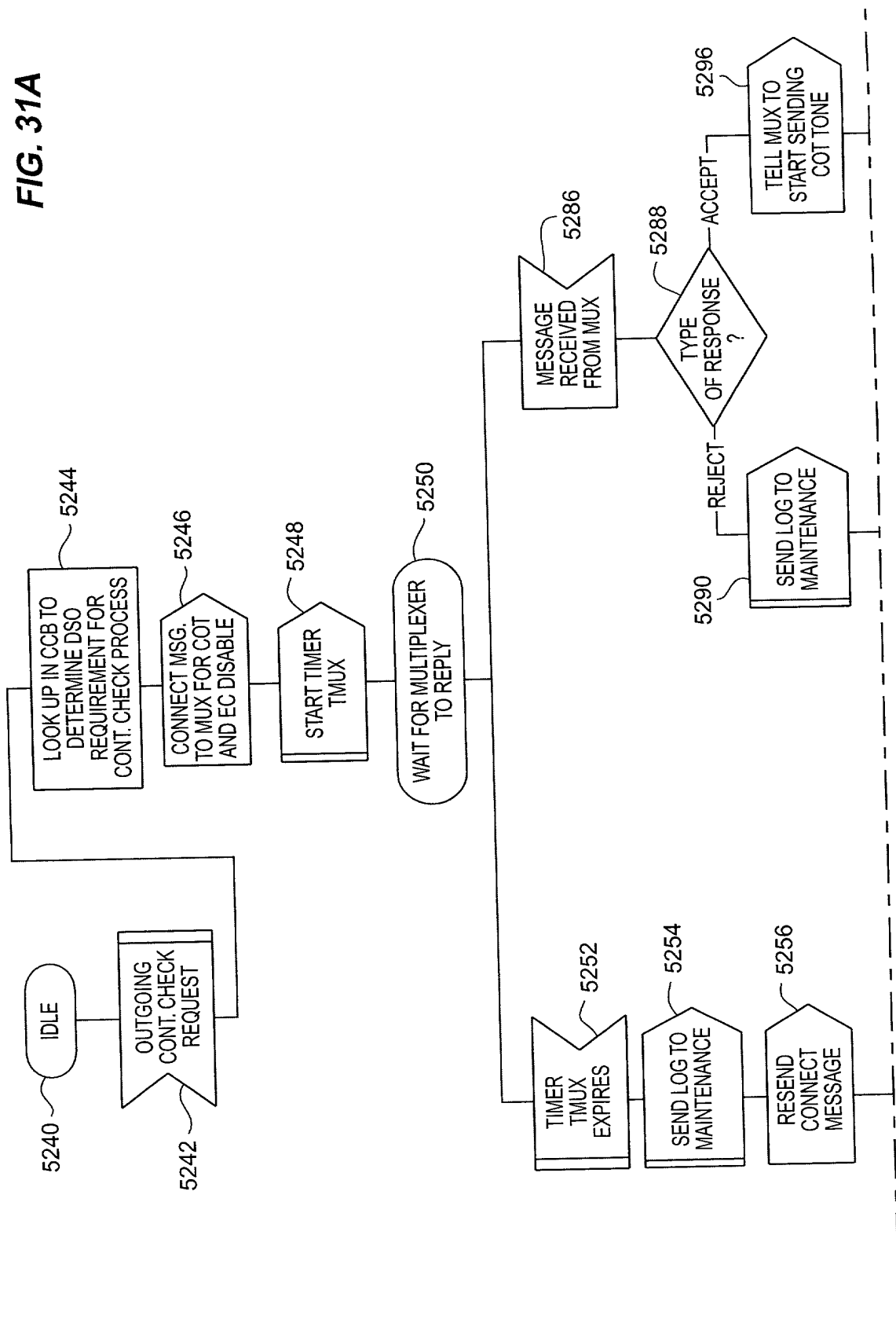


FIG. 30L

FIG. 31A



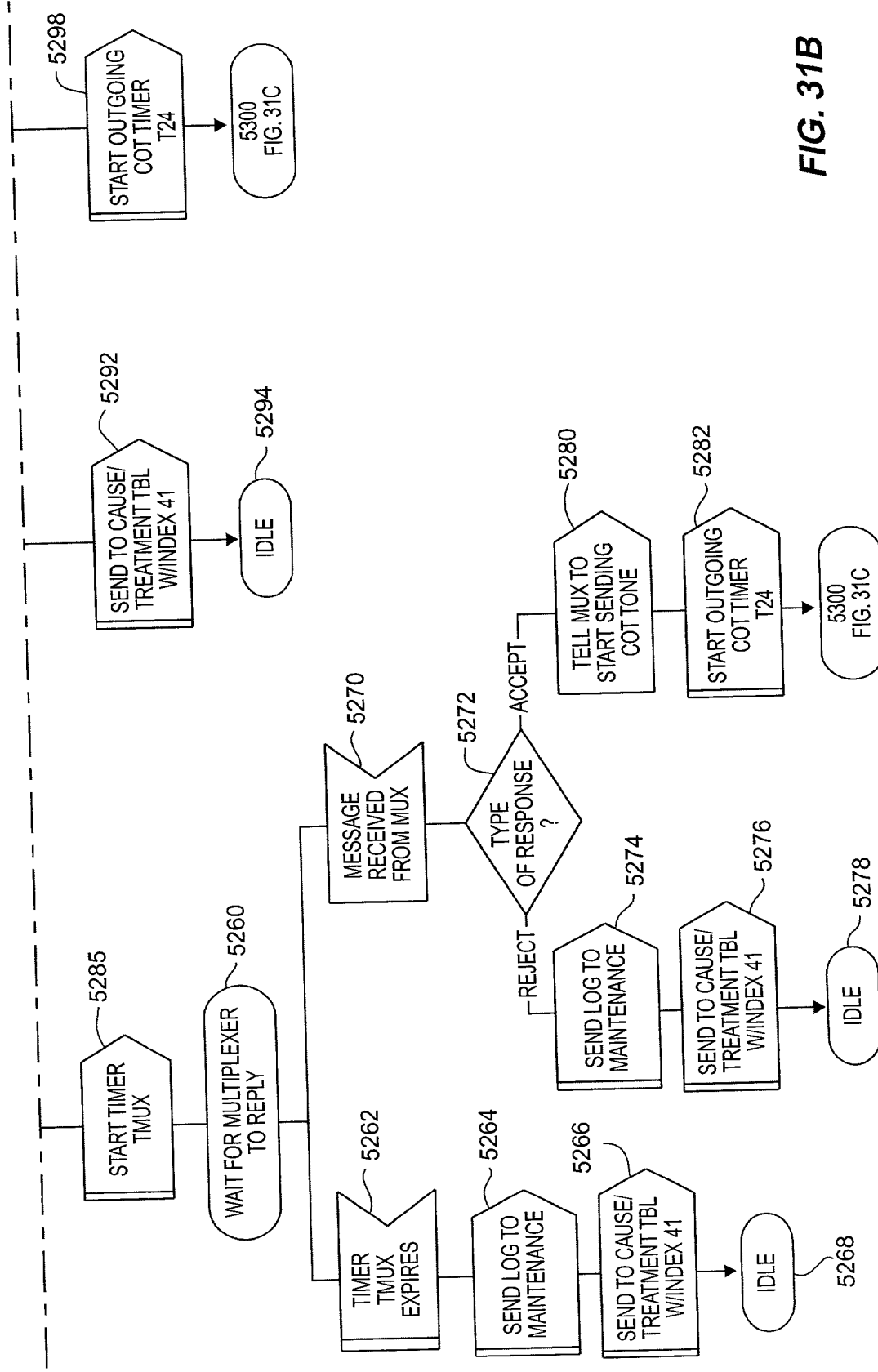
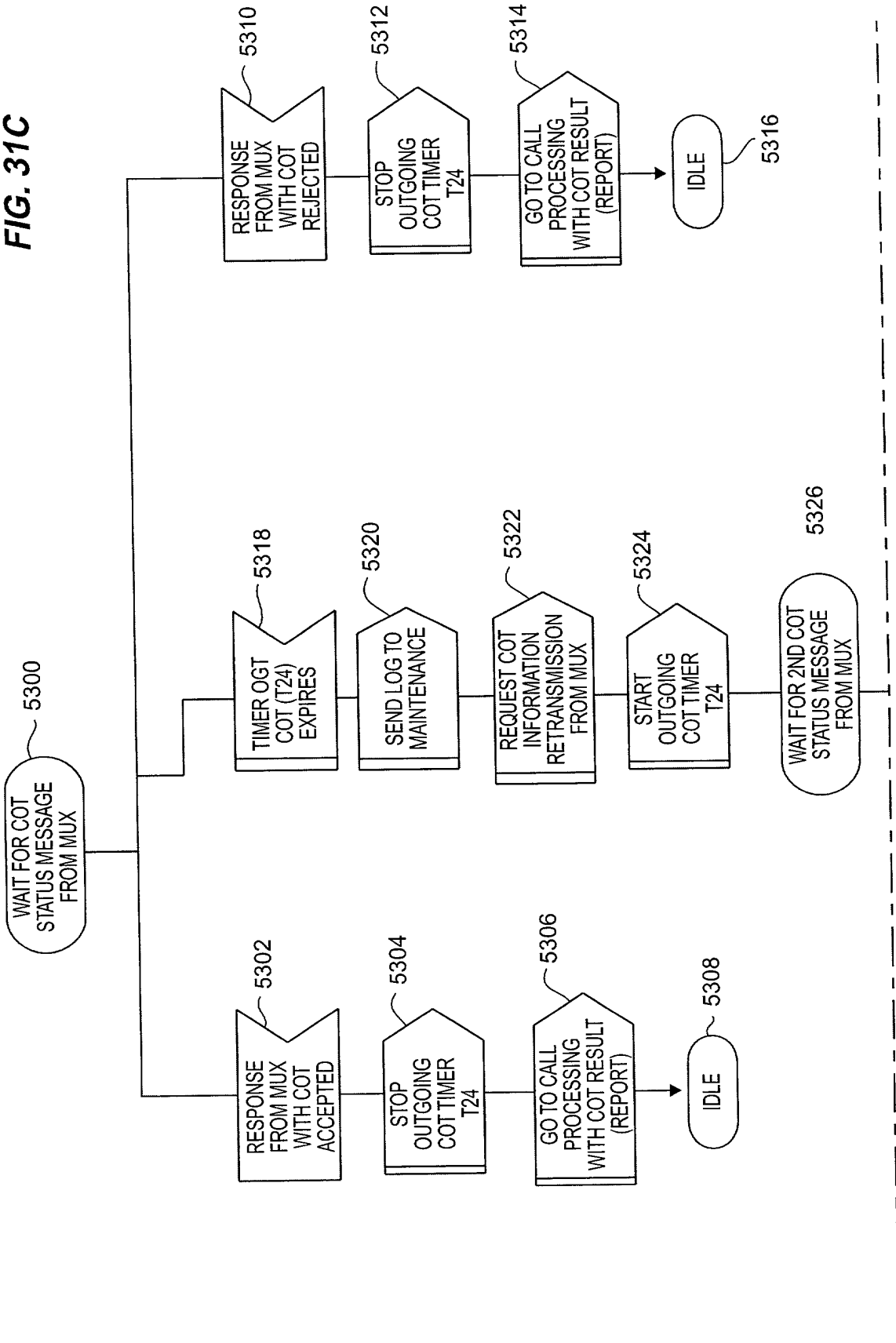


FIG. 31B

FIG. 31C



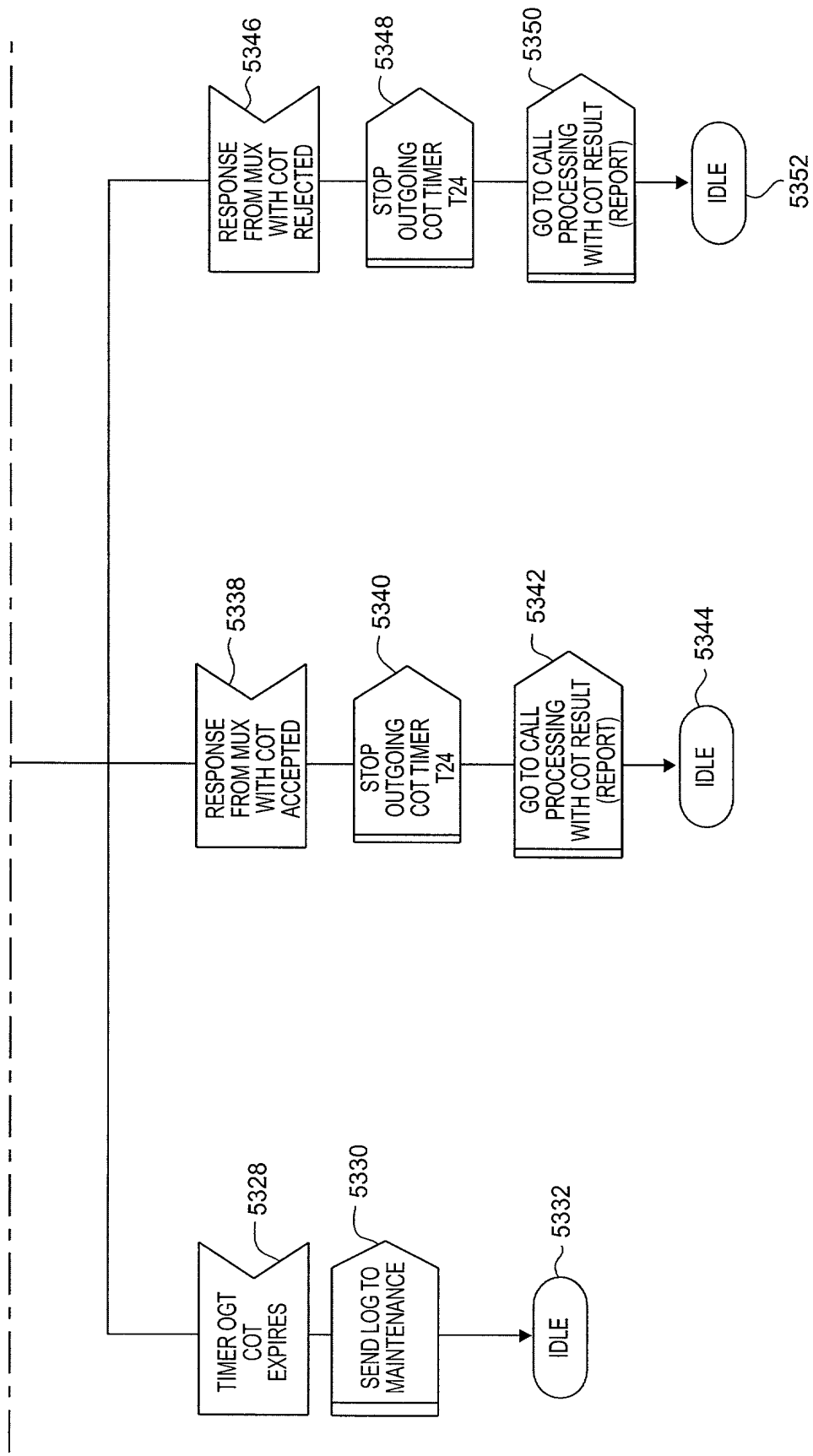
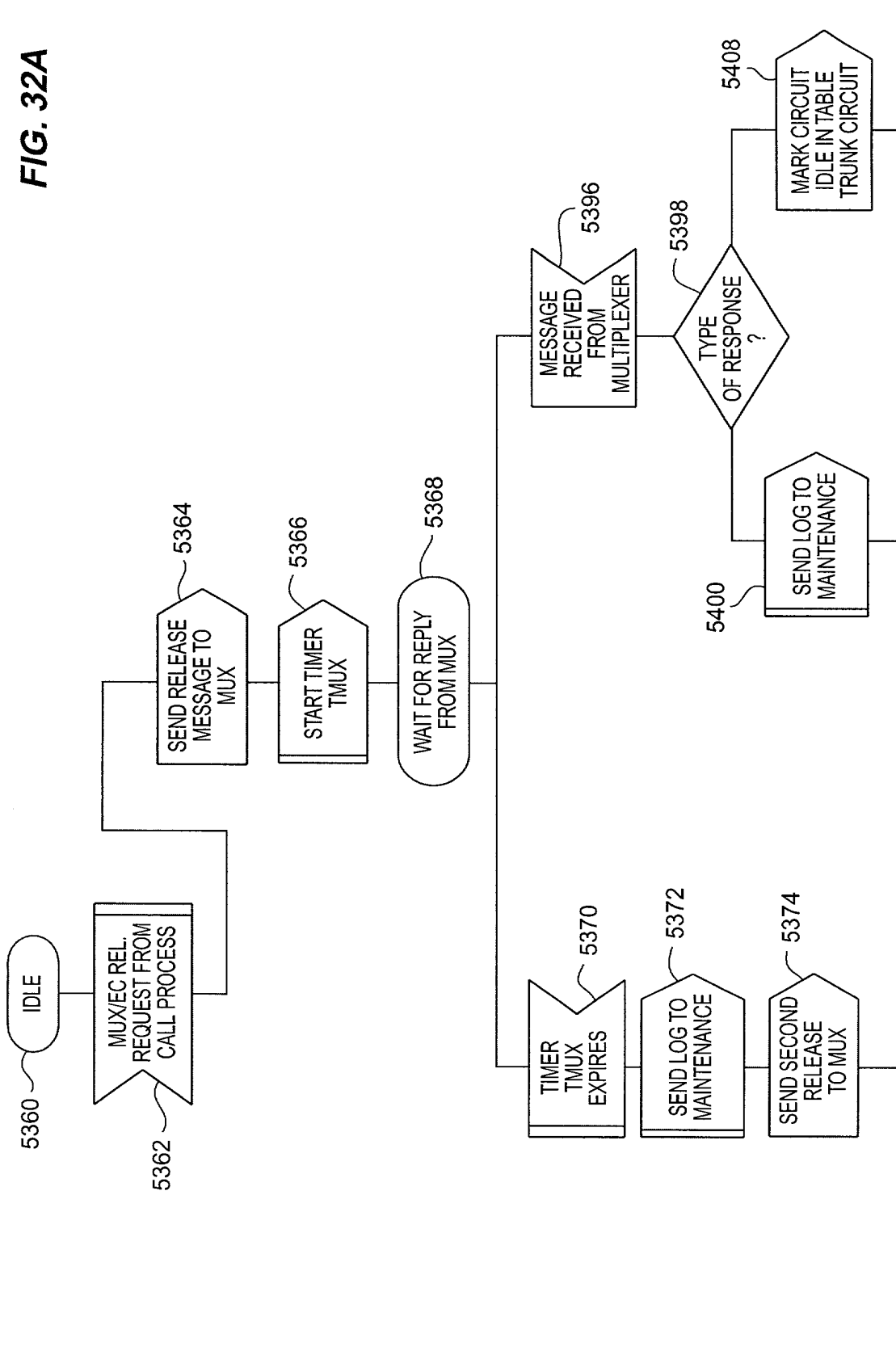


FIG. 31D

FIG. 32A



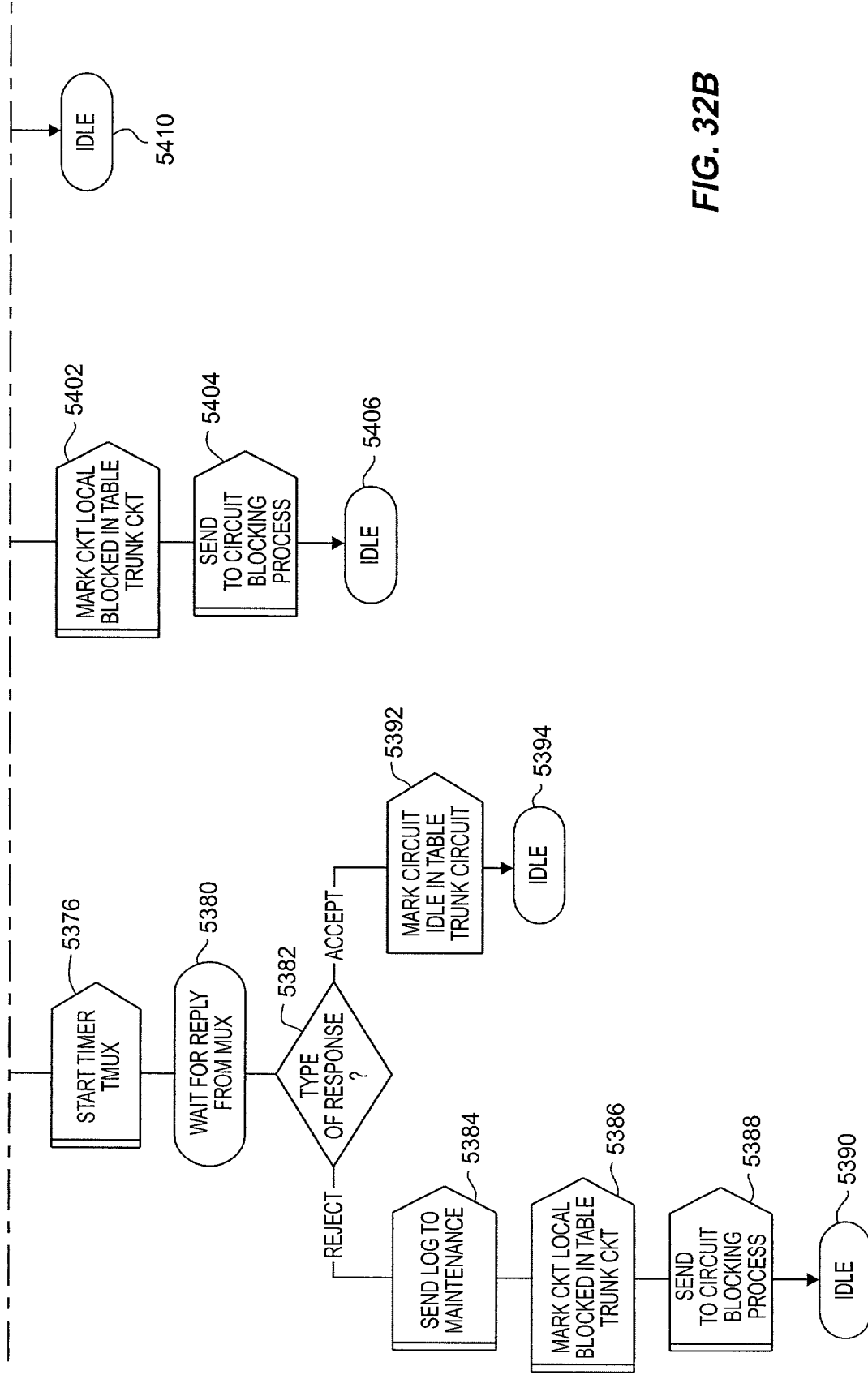


FIG. 32B